

ITEM	TEST NAME	METHODOLOGY	PREFERED SPECIMEN	STORAGE	SCHEDULE	T A T.	PRICE	ราคา คบท 1 คย. 2561	รหัส คบท 1 คย. 2561	REFERENCE
1	17-Hydroxy Progesterone	RIA	1-2 mL Serum	2-8 °C		21 days	500	1,700	32606	See Report sheet
2	2,5-Hexanedione	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	400			N < 0.8 mg/L ; E < 5 mg/L
3	5-Hydroxyindoleacetic acid (5-HIAA), Quantitative	HPLC	30-50 mL of 24 hr.Urine ; record Total volume	2-8 °C		21 days	800			0.7 - 8.2 mg/24hr.
4	ABO Blood Grouping (Cell Grouping & Serum Grouping)	Agglutination	2-3 mL EDTA blood + 1-2 mL Serum (ส่งพร้อมกัน)	2-8 °C	Daily	1 day	100	100	22105	Group O, A, B, AB
5	Acanthamoeba Culture	Conventional culture	Pus in NSS ; Sterile (รับน้ำส่ง โดยเร็ว)	R.T.		14 days	240	240	31217	Negative
6	Acetone (Blood)	GC-Headspace	3-5 mL NaF blood	2-8 °C		21 days	150	250	33550	0 - 20 mg/L
7	Acetone (Urine)	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	150	250	33550	0 - 50 mg/L
8	Acetyl Salicylic Acid (Salicylate)	Colorimetric	1-2 mL Serum	2-8 °C		7 days	300	300	33108	See Report sheet
9	Acetylcholine Receptor Antibody	ELISA	2-3 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Wed	7 days	1,500			Negative (<0.4 nmol/L)
10	Acid Elution Test (HbF stain)	Acid Elution	3-5 mL EDTA blood (รับน้ำส่ง โดยเร็ว)	2-8 °C		7 days	200	300	22125	Negative (0 %)
11	Acid Phosphatase, Sperm and PSA Test (ส่งที่ รพ.รามมา)	Screening & Microscopic Immunoassay	Vaginal or Discharge in Sterile container	2-8 °C		30 days	850			See Report sheet
12	Acid Phosphatase, Total (Blood)	Colorimetric	1-2 mL Serum	2-8 °C		5 days	150	150	32301	See Report sheet
13	ACTH (Adrenocorticotrophic Hormone)	ECLIA	1-2 mL EDTA plasma (ควรปั่นแยกทันที และเก็บที่ ช่อง Freeze)	Freeze	Mon, Thur	4 days	350	350	32601	7.2 - 63.3 pg/mL
14	Activated Protein C (APC) Resistance	APTT-Based	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		14 days	1,200	1,200	30217	Normal ratio : 0.76 - 1.20
15	ADA (CSF)	Enzymatic	1-2 mL CSF	2-8 °C	Daily	1 day	150	200	33801	0 - 10 U/L
16	ADA (Pleural fluid)	Enzymatic	5-10 mL Pleural fluid	2-8 °C	Daily	1 day	150	200	33801	0 - 30 U/L
17	ADA (Serum)	Enzymatic	1-2 mL Serum	2-8 °C	Daily	1 day	150	200	33801	0 - 18 U/L

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18	ADAM TS-13	ELISA	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		14 days	2,000	2,000	30235	58 - 170 U/dL
19	Adenovirus Ab., IgG	EIA	1-2 mL Serum	2-8 °C		14 days	250			Negative
20	Adenovirus Ab., IgM	EIA	1-2 mL Serum	2-8 °C		14 days	250			Negative
21	Adenovirus Viral Load	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,540	1,540	36555	See Report sheet
22	Adenovirus, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	570	570	36553	Undetectable
23	AFB Culture, Automated	Automated	Specimen in Sterile container	2-8 °C	Daily	45 - 60 days	1,000			No growth for AFB
24	AFB Culture, Automated (Hemo)	Automated	Blood or Bone marrow in BACTEC container ; Sterile (ห้ามแช่เย็น) #1 (รับน้ำส่งโดยเร็ว ภายใน 24 ชั่วโมง)	R.T.		45 - 60 days	1,500			No growth for AFB
25	AFB Culture, Conventional	Conventional culture	Specimen in Sterile container	2-8 °C	Daily	60 - 90 days	350	200 + 250	35103 / 36036	No growth for AFB
26	AFB Culture, Conventional (Hemo)	Conventional culture	Blood or Bone marrow in Hemoculture bottle (ห้ามแช่เย็น) #1	R.T.		60 - 90 days	450	200 + 250	35103 / 36036	No growth for AFB
27	AFB Culture, TB Fast Track	Real-Time PCR & Culture	Specimen in Sterile container	2-8 °C	Daily	45 days	2,400			See Report sheet
28	AFB Stain	Microscopic	Specimen in Sterile container	2-8 °C	Daily	1 day	60	60	35001	Not found
29	AFB Stain (Modified)	Microscopic	Specimen in Sterile container	2-8 °C	Daily	1 day	70	70	35005	Not found
30	AFB Stain (by Concentration Technique)	Microscopic	Specimen in Sterile container	2-8 °C	Daily	1 day	200			Not found
31	AFP	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	220	250	37302	0 - 8 ng/mL
32	Albumin	Colorimetric	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	30	30	32403	3.4-5.0 g/dL

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33	Alcohol (Ethanol), (Blood)	GC-Headspace	3-5 mL NaF blood (ห้ามใช้ Alcohol เช็ดผิวหนังก่อนเจาะ เลือด)	2-8 °C		10 days	250	300	33555	See Report sheet
34	Aldolase	Enzyme Kinetic	1-2 mL Serum (รีบน้ำส่งโดยเร็ว)	2-8 °C		7 days	150	150	32314	2 - 8 U/L
35	Aldosterone (Blood)	EIA	1-2 mL Serum (รีบน้ำส่งโดยเร็ว ขณะรอส่งให้เก็บช่อง Freeze)	Freeze	Mon, Thur	4 days	500	720	32604	See Report sheet
36	Aldosterone (24 hr.Urine)	CMIA	30-50 mL of 24 hr.Urine ; record Total volume	2-8 °C		21 days	600			5.0 - 19.0 ug/24hr.
37	Alkaline Phosphatase Isoenzymes	Heat stable & Heat labile	1-2 mL Serum	2-8 °C		5 days	450			See Table
38	Alkaline Phosphatase, Total	Kinetic	1-2 mL Serum or Lithium Heparinized plasma	2-8 °C	Daily	1 day	40	40	32309	46 - 116 U/L
39	Allergy Food Panel (ทดสอบ 20 Allergens)	Immunoblot	1-2 mL Serum	2-8 °C	Daily	3 days	2,000			See Report sheet
40	Allergy Pediatric Inhalation & Food Panel (ทดสอบ 27 Allergens)	Immunoblot	1-2 mL Serum	2-8 °C	Daily	3 days	2,500			See Report sheet
41	Allergy Respiratory Panel (ทดสอบ 20 Allergens)	Immunoblot	1-2 mL Serum	2-8 °C	Daily	3 days	2,000			See Report sheet
42	Allergy Profile (Food & Respiratory Panel) (ทดสอบ 40 Allergens)	Immunoblot	1-2 mL Serum	2-8 °C	Daily	3 days	3,500			See Report sheet
43	Allergy Profile (Food & Respiratory Panel) & Total IgE (ทดสอบ 40 Allergens)	Immunoblot & CLIA	1-2 mL Serum	2-8 °C	Daily	3 days	4,000			See Report sheet
44	Allergy Thailand Profile for Specific IgE Testing (ทดสอบ 36 Allergens)	Immunoblot	1-2 mL Serum	2-8 °C	Daily	3 days	2,500			See Report sheet
45	Alpha 1- Antitrypsin (AAT, A1AT)	Nephelometry	1-2 mL Serum	2-8 °C		10 days	300	400	37250	90 - 200 mg/dL
46	Alpha Thal-1 (SEA + Thai Type), PCR	Real-Time PCR	2-3 mL EDTA blood	2-8 °C	Tue, Fri	5 days	500	500	37519	Negative
47	Alpha Thal-2 (3.7+4.2 kb), PCR	PCR	3-5 mL EDTA blood	2-8 °C		7 days	1,000			Negative
48	Alpha Thal-1 & 2 (3.7+4.2 kb), PCR	PCR	3-5 mL EDTA blood	2-8 °C		7 days	1,200			Negative
49	Aluminium (Al), (Blood)	AAS-GF	2-3 mL Serum	2-8 °C		21 days	150	360	33501	N < 1 ug/dL ; E < 2 ug/dL

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50	Aluminium (Al), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	150	360	33501	N < 50 ug/g creatinine E < 150 ug/g creatinine
51	AMA screening (M2)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	37016	Negative
52	AMA titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:100)
53	Amikacin (Amikin)	FPIA	1-2 mL Serum (ควรรีบแยกทันที)	2-8 °C		7 days	350	350	33006	See Report sheet
54	Amino Acids (Plasma)	HPLC	2-3 mL Heparinized plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		30 days	2,500	2,500	37502	See Report sheet
55	Aminolevulinic Acid (ALA)	Colorimetric	30-50 mL Urine (ควรรีบใส่ในภาชนะที่บดแสง)	2-8 °C		14 days	350			0 - 6 mg/L
56	Aminolevulinic Acid Dehydratase (ALA-D)	Colorimetric	3-5 mL EDTA blood (รีบน้ำส่งโดยเร็ว)	2-8 °C		14 days	400			108 - 299 U/mL Erythrocyte
57	Ammonia (NH ₃)	Enzymatic Kinetic assay	1-2 mL EDTA plasma (รีบน้ำส่ง ทันที ขณะรอส่งให้เก็บช่อง Freeze)	Freeze		5 days	350	350	32210	See Report sheet
58	Amphetamine (screening)	ICG	5-10 mL Urine	2-8 °C	Daily	1 day	100	100	33701	Negative
59	Amphetamine (by GC-NPD)	GC-NPD	30-50 mL Urine	2-8 °C		21 days	1,300	1,300	33703	Negative
60	Amphetamine Panel	GC/MS	30-50 mL Urine or 2-3 mL Serum or 5 mL EDTA blood	2-8 °C		14 days	2,500			Not detected
61	Amylase (Blood)	Enzymatic	1-2 mL Serum or Lithium Heparinized plasma	2-8 °C	Daily	1 day	90	100	32303	25 - 115 U/L
62	Amylase (Random Urine)	Enzymatic	5-10 mL Urine	2-8 °C	Daily	1 day	80	80	34114	
63	Amylase (24 hr.Urine)	Enzymatic	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	80	80	34114	59 - 401 U/24hr.
64	ANA titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	95	450	37003	See Report sheet

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65	ANA Profile 1 (nRNP/Sm, Sm, SS-A, SS-B, Ro-52, Scl-70, Jo-1, Centromere, ds-DNA, Nucleosomes, Histones, Ribosomal, P-protein)	Immunoblot	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	3 days	1,800			Negative
66	ANA Profile 3 (nRNP/Sm, Sm, SS-A, SS-B, Ro-52, Scl-70, Jo-1, Centromere, PCNA, ds-DNA, Nucleosomes, Histones, Ribosomal, P-protein, AMA-M2)	Immunoblot	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	3 days	2,000			Negative
67	ANA Profile 4 tests (ANA titer, Anti-DNA titer, Anti-Sm, Anti-nRNP)	IFA & EIA	2-3 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,600			See Report sheet
68	Anaerobic Culture (ตรวจ Identify เชื้อเท่านั้น)	Conventional culture	Specimen in Thioglycollate broth (ห้ามเขย่า)	R.T.		30 days	300	300	35102	No Anaerobic Bacteria Isolated
69	Anaerobic Culture (Hemo) (ตรวจ Identify เชื้อเท่านั้น)	Automated	Blood in BACTEC container (BACTEC plus Anaerobic/ F culture Vial) ; Sterile (ห้ามเขย่า) #1	R.T.		30 days	300	300	35102	No Anaerobic Bacteria Isolated
70	ANCA (cANCA/pANCA) screening	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	360	360	37015	Negative
71	ANCA (cANCA/pANCA) titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			Less than 1:10
72	ANCA : c-ANCA/PR3 (EIA)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	350	550	37014	Negative <20 RU/mL
73	ANCA : p-ANCA/MPO (EIA)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	350	550	37013	Negative <20 RU/mL
74	ANCA Profile (Proteinase 3, MPO, elastase, cathepsin G, BPI, lactoferrin)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	2,500			See Report sheet

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75	Angiostromyiasis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400	910	31212	Negative
76	Angiostromyiasis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400	910	31212	Negative
77	Angiotensin Converting Enzyme (ACE)	Colorimetric	2-3 mL Serum	2-8 °C		35 days	14,500			8 - 53 U/L
78	Anti Basement Membrane, IgA (Bullous Pemphigoid Ab.)	Indirect IFA	1-2 mL Serum	2-8 °C		14 days	800			Negative
79	Anti Basement Membrane, IgG (Bullous Pemphigoid Ab.)	Indirect IFA	1-2 mL Serum	2-8 °C		14 days	800			Negative
80	Anti Basement Membrane, IgM (Bullous Pemphigoid Ab.)	Indirect IFA	1-2 mL Serum	2-8 °C		14 days	800			Negative
81	Anti-B2 Glycoprotein 1 (IgAGM)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	37315	Negative
82	Anti-B2 Glycoprotein, IgG, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	290	37233	Negative
83	Anti-B2 Glycoprotein, IgG, Quantitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	290	290	37233	Negative
84	Anti-B2 Glycoprotein, IgM, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	230	230	37234	Negative
85	Anti-B2 Glycoprotein, IgM, Quantitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	230	230	37234	Negative
86	Anti-Cardiolipin Profile (IgA, IgG, IgM), Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	400	400	37020	Negative
87	Anti-Cardiolipin, IgA, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250			Negative
88	Anti-Cardiolipin, IgG, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	240	37207	Negative
89	Anti-Cardiolipin, IgM, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	250	37208	Negative
90	Anti-CCP (Cyclic Citrullinated Peptide), Quantitative	ECLIA	1-2 mL Serum	2-8 °C	Daily	2 days	300	480	37022	Negative (<5 RU/mL)

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91	Anti-Centromere	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	37012	Negative
92	Antidepressants, Qualitative	TLC	30-50 mL Urine or Gastric content	2-8 °C		7 days	300	300	33114	Negative
93	Antidepressants, Quantitative	TLC	1-2 mL Serum	2-8 °C		7 days	300	300	33114	50 - 100 ng/mL
94	Anti-Desmoglein 1 (Dsg1)	EIA	1-2 mL Serum	2-8 °C		21 days	1,000			Negative (< 14 U/mL)
95	Anti-Desmoglein 3 (Dsg3)	EIA	1-2 mL Serum	2-8 °C		21 days	1,000			Negative (< 7 U/mL)
96	Anti-Diuretic Hormone (Vasopressin)	EIA	2-3 mL EDTA plasma ; Fasting (รับน้ำส่งโดยเร็ว ขณะรอส่งให้เก็บ ที่ช่อง Freeze)	Freeze		35 days	13,800			< 1.7 pg/mL
97	Anti-DNase B, Quantitative	Nephelometry	1-2 mL Serum	2-8 °C	Daily	1 day	300			0 - 200 U/mL
98	Anti-dsDNA titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	120	210	37004	Less than 1:10
99	Anti-ENA Profileplus 1 (nRNP/Sm, Sm, SS-A, SS-B, Ro-52, Scl-70, Jo-1)	Immunoblot	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	3 days	1,600			Negative
100	Anti-F Xa	Chromogenic	2-3 mL Citrated plasma + ต้องระบุชื่อยาและ dose ทุกครั้ง (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	400	400	30230	See Report sheet
101	Anti-GAD (Anti Glutamic Acid Decarboxylase)	RIA	1-2 mL Serum	2-8 °C		90 days	5,500			See Report sheet
102	Anti-GAD / IA2	ELISA	1-2 mL Serum	2-8 °C		21 days	500	500	37021	Negative (< 1.0)
103	Anti-Glomerular Basement Membrane (AGBM) titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	750	750	37027	Negative (<1:10)
104	Anti-GM1 Gangliosides, IgG	EIA	1-2 mL Serum	2-8 °C		14 days	2,000			See Report sheet
105	Anti-GM1 Gangliosides, IgM	EIA	1-2 mL Serum	2-8 °C		14 days	2,000			See Report sheet
106	Anti-Histones	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300			Negative
107	Anti-HTLV-1	PA	1-2 mL Serum	2-8 °C		7 days	150	150	36353	Negative

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108	Anti-IFN Gamma (Interferon Gamma) Autoantibody	ELISA	1-2 mL Serum	2-8 °C		21 days	800	800	37023	Negative
109	Anti-Jo-1	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	400			Negative
110	Anti-Liver Kidney-Microsomes (LKM-1)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	350	360	37018	Negative
111	Anti-Mullerian Hormone (AMH)	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C		7 days	3,000			See Report sheet
112	Anti-nRNP	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	350	37008	Negative
113	Anti-PLA2 Receptor IgG (Anti-Phospholipase A2 receptor IgG)	ELISA	1-2 mL Serum	2-8 °C		21 days	1,100			0 - 22 RU/mL
114	Anti-Scl-70	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	110	270	37011	Negative
115	Anti-Sm	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	270	37006	Negative
116	Anti-Sm & Anti-nRNP	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	620	270 + 350	37006 / 37008	Negative
117	Anti-SSA (Ro)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	400	37009	Negative
118	Anti-SSB (La)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	400	37010	Negative
119	Anti-SSA (Ro) & Anti-SSB (La)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	400 + 400	37009 / 37010	Negative
120	Anti-Thrombin III	Chromogenic	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Mon, Thur	4 days	300	300	30229	79.4 - 112 %
121	Anti-Thyroglobulin by ECLIA	ECLIA	1-2 mL Serum or EDTA plasma	2-8 °C	Daily	1 day	200	400	37211	Less than 115 IU/mL
122	Anti-Thyroid Peroxidase (TPO) by ECLIA	ECLIA	1-2 mL Serum or Lithium Heparinized plasma	2-8 °C	Daily	1 day	350	400	37024	Less than 34 IU/mL

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123	Apolipoprotein A	Immunoturbidity	1-2 mL Serum	2-8 °C		5 days	100	200	32505	M 115 - 190 mg/dL F 117 - 220 mg/dL
124	Apolipoprotein B	Immunoturbidity	1-2 mL Serum	2-8 °C		5 days	100	200	32506	M 70 - 160 mg/dL F 60 - 150 mg/dL
125	Arsenic (As), (Blood)	Mass Spectrometry	3-5 mL EDTA blood	2-8 °C		21 days	400	600	33503	0 - 13 ug/L
126	Arsenic (As), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	150	600	33503	N < 50 ug/L ; E < 300 ug/L
127	ASMA screening	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	300	37017	Negative
128	ASMA titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			Negative (<1:100)
129	ASO by Agglutination	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	200			Negative (<200 IU/mL)
130	ASO, Quantitative by Nephelometry	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	110	110	36001	0 - 408 IU/mL
131	Autoimmune Encephalitis Antibodies	Indirect IFA	2-3 mL CSF or Serum	2-8 °C		35 days	4,600			See Report sheet
132	Autoimmune Liver Profile	Line Immuno assay	2-3 mL Serum	2-8 °C		14 days	1,800			Negative
133	Bacterial Antigen (S.pneumoniae Ag, H.influenzae Type B Ag, N.meningitidis A,C,YW 135 Ag, N.meningitidis B / E,coli K1 Ag, Streptococcus gr.B Ag)	Agglutination	1-2 mL Serum or CSF or 5 mL random Urine	2-8 °C	Daily	1 day	750	800	36021	Negative
134	Bacterial Identification & Antimicrobial Susceptibility Test by VITEK 2 (รายงานผลการทดสอบความไวต่อยาแบบ MIC)	VITEK 2 Automated	Blood in Hemoculture bottle (Positive) or Pure Colony on plate	R.T.	Daily	3 days	1,000			See Report sheet
135	Bacterial Identification & Sensitivity (สิ่งส่งตรวจเป็น Colony ของเชื้อ)	Conventional culture	Colony ของเชื้อ bacteria ที่ต้องการทดสอบ	R.T.	Daily	7 days	1,500			See Report sheet

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136	Bacterial Molecular Identification	PCR	Tissue or Fluid in Sterile container (สิ่งส่งตรวจต้องมาจาก sterile site)	2-8 °C		21 days	2,000	2,000	36022	No Bacterial DNA detected
137	Barbiturates (Urine)	ICG	30-50 mL Urine	2-8 °C		7 days	450	450	33118	Negative
138	BCR/ABL by FISH	FISH	5-10 mL EDTA or Heparinized blood or Bone marrow ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อนวันหยุดราชการ 2 วัน	2-8 °C		21 days	3,800			See Report sheet
139	BCR/ABL by RQ-PCR	RQ-PCR	5-10 mL EDTA or Heparinized blood or Bone marrow ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อนวันหยุดราชการ 2 วัน	2-8 °C		21 days	4,500	4,500	30406	See Report sheet
140	BCR/ABL by RT-PCR	Real-Time PCR	5-10 mL EDTA or Heparinized blood or Bone marrow ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อนวันหยุดราชการ 2 วัน	2-8 °C		21 days	1,200	1,200	30405	Negative
141	BCR/ABL Mutation Detection by Direct Sequencing	Direct Sequencing	10 mL EDTA blood or Bone marrow ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อนวันหยุดราชการ 2 วัน	2-8 °C		21 days	10,200			See Report sheet
142	Bence Jones Protein	Heat precipitation	10-20 mL Urine	2-8 °C		5 days	50	50	31102	Negative
143	Benzene (Total Phenol)	HPLC	30-50 mL Urine (ควรถ่ายปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	160			0 - 20 mg/L
144	Benzene (trans,trans,-muconic acid (tt-MA))	HPLC	30-50 mL Urine (ควรถ่ายปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	250	250	33552	0 - 500 ug/g creatinine
145	Benzodiazepine (Blood), (Diazepam)	FPIA	1-2 mL Serum	2-8 °C		7 days	750			50 - 250 ng/mL
146	Benzodiazepine (Gastric)	TLC	30-50 mL Gastric content	2-8 °C		7 days	750			Negative
147	Benzodiazepine (Urine)	FPIA	30-50 mL Urine	2-8 °C		7 days	500			Negative

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148	Beta-2 Microglobulin (Blood)	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	480	480	37304	1090 - 2530 ug/L
149	Beta-2 Microglobulin (Urine)	Nephelometry	5-10 mL Urine	2-8 °C	Daily	1 day	480	480	37304	0 - 200 ug/L
150	Beta-CrossLaps	ECLIA	2-3 mL EDTA blood ; Fasting (ควรเจาะเลือดในช่วงเวลา 8.00-10.00 น.)	2-8 °C		7 days	450	450	37254	See Report sheet
151	Beta-hCG	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	130	160	37303	0 - 10 mIU/mL
152	Beta-hydroxybutyrate	Chemistry	2-3 mL Heparinized blood	2-8 °C		7 days	400			0 - 0.6 mmole/L
153	Beta-thalassemia, PCR	PCR	3-5 mL EDTA blood	2-8 °C		14 days	2,000	3,000	37532	See Report sheet
154	Bile & Urobilinogen	Strip test	5-10 mL Urine	2-8 °C	Daily	1 day	80	30 + 50	31006 / 31009	Negative
155	Bilirubin, Direct	Colorimetric	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	40	40	32207	0 - 0.2 mg/dL
156	Bilirubin, Total	Colorimetric	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	40	40	32208	0.2 - 1.0 mg/dL
157	BKV Virus Viral Load	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,600	1,600	36671	See Report sheet
158	BKV Virus, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	2,000			Undetectable
159	Bordetella pertussis Culture	Conventional culture	Nasopharyngeal swab in sterile container (ใช้ก้าน swab ที่เป็นหลอดเท่านั้น) ติดต่อล่วงหน้าก่อนส่ง 2 วัน	R.T.		14 days	700			Not found
160	Bordetella pertussis, PCR	PCR	Nasopharyngeal swab in sterile container (ใช้ก้าน swab ที่เป็นหลอดเท่านั้น) ติดต่อล่วงหน้าก่อนส่ง 2 วัน	2-8 °C		14 days	1,500			Negative
161	Borrelia Ab., IgG (afzelii, burgdorferi, garinii)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,500			Negative (<1:100)

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162	Borrelia Ab., IgM (afzelii, burgdorferi, garinii)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,500			Negative (<1:10)
163	Borrelia Ab., IgG & IgM (afzelii, burgdorferi, garinii)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	2,800			See Report sheet
164	Bromide (Br), (Blood)	Colorimetric	1-2 mL Serum	2-8 °C		14 days	400			0 - 50 mg/dL
165	Brucella Ab.	Agglutination	1-2 mL Serum	2-8 °C		7 days	100	100	36024	Negative
166	BUN (Blood)	Enzymatic	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	40	40	32201	7 - 18 mg/dL
167	C3 complement (B1c)	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	250	250	37102	90 - 180 mg/dL
168	C4 complement	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	250	300	37107	10 - 40 mg/dL
169	CA 125	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	140	550	37306	0 - 35 U/mL
170	CA 15-3	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	140			0 - 32.4 U/mL
171	CA 19-9	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	140	550	37307	0 - 30.9 U/mL
172	Cadmium (Cd), (Blood)	AAS-GF	3-5 mL EDTA blood	2-8 °C	Thur	7 days	150	380	33524	N < 5 ug/L ; E < 10 ug/L
173	Cadmium (Cd), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	150	380	33524	E < 5 ug/g creatinine
174	Calcitonin	CLIA	1-2 mL Serum	2-8 °C		7 days	500	500	32615	0 - 13 pg/mL
175	Calcium (Blood)	Colorimetric	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	50	50	32106	8.5 - 10.1 mg/dL
176	Calcium (Random Urine)	Colorimetric	5-10 mL Urine	2-8 °C	Daily	1 day	50	50	34006	
177	Calcium (24 hr.Urine)	Colorimetric	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	50	50	34118	42 - 353 mg/24hr.
178	Campylobacter Culture	Conventional culture	Stool in Sterile container	2-8 °C		21 days	1,200			Negative
179	Carbamate (Gastric)	TLC	30-50 mL Gastric content	2-8 °C		21 days	200	200	33602	Negative
180	Carbamate (Urine)	TLC	30-50 mL Urine	2-8 °C		21 days	200	200	33602	Negative
181	Carbamazepine	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	300	300	33101	Therapeutic 4 - 12 ug/mL

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182	Carboxyhemoglobin (Carbonmonoxide)	GC-Headspace	3-5 mL EDTA blood (ห้ามปั่นแยก)	Freeze		21 days	250	250	33804	See Report sheet
183	Catecholamine (24 hr.Urine)	HPLC	20-30 mL of 24 hr.Urine ; record Total volume (ใช้ HCL เป็นสาร preservative เก็บในภาชนะ ที่บดแสง)	2-8 °C		30 days	1,500	1,500	34107	Epinephrine 9.3 -122.0 Norepinephrine 72.0 - 505.0 nmol/day
184	CBC	Automated	2-3 mL EDTA blood	2-8 °C	Daily	1 day	90	90	30101	See Report sheet
185	CD34	Flowcytometry	2-3 mL EDTA blood	2-8 °C	Daily	2 days	2,000	2,000	30504	See Report sheet
186	CD4 count	Flowcytometry	2-3 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว ขณะรอส่งให้ เก็บที่อุณหภูมิห้อง)	R.T.	Daily	1 day	500	500	30509	410 - 1590 cells/ul
187	CD4, CD8 count and ratio	Flowcytometry	2-3 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว ขณะรอส่งให้ เก็บที่อุณหภูมิห้อง)	R.T.	Daily	1 day	1,000	500 + 500	30509 / 30510	See Report sheet
188	CEA	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	200	280	37308	0 - 5 ng/mL
189	Ceruloplasmin	Nephelometry	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	360	360	32406	20 - 60 mg/dL
190	CH50	Hemolytic assay	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	150	150	37105	20 - 40 U/mL
191	Chikungunya Virus Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36601	Negative (<1:10)
192	Chikungunya Virus Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36601	Negative (<1:10)
193	Chikungunya Virus Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36601	Negative (<1:10)
194	Chikungunya Virus, PCR, Qualitative	Real-Time PCR	3-5 mL EDTA blood or 2 mL CSF or Serum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	580	580	36603	Negative
195	Chlamydia pneumoniae Ab., IgG	Micro- IFA	1-2 mL Serum	2-8 °C		14 days	1,000			See Report sheet
196	Chlamydia pneumoniae Ab., IgM	Micro- IFA	1-2 mL Serum	2-8 °C		14 days	1,000			See Report sheet
197	Chlamydia trachomatis Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:100)

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198	Chlamydia trachomatis Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:10)
199	Chlamydia trachomatis Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
200	Chlamydia trachomatis Culture	In Vitro Culture	Urethral or Cervical swab in Special media	2-8 °C		14 days	1,900			Negative
201	Chlamydia trachomatis / Neisseria gonorrhoeae (CT/NG), PCR, Qualitative	PCR	Urethral or Cervical swab in Special container or 5 mL Urine (Midstream)	2-8 °C		14 days	3,000			Undetectable
202	Chloride (CSF)	Direct ISE	1-2 mL CSF	2-8 °C	Daily	1 day	300			
203	Chlorine, Free (Water)	DPD	300 mL Water / Wastewater	2-8 °C		21 days	300			See Report sheet
204	Chlorine, Total (Water)	DPD	300 mL Water / Wastewater	2-8 °C		21 days	300			See Report sheet
205	Chloroform (Blood)	GC/MS	3-5 mL EDTA blood or NaF blood	2-8 °C		14 days	200	300	33554	Not found
206	Cholesterol, Total	Enzymatic	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	60	60	32501	Less than 200 mg/dL
207	Cholinesterase (Blood)	Automated (Butyrylthiocholine)	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	200	200	33803	M 4620 - 11500 U/L F 3930 - 10800 U/L
208	Cholinesterase (Erythrocyte)	pH meter analysis	3-5 mL EDTA blood	2-8 °C		10 days	200	200	33803	1 - 1.5
209	Chromium (Cr), (Blood)	AAS-GF	3-5 mL EDTA blood	2-8 °C		30 days	150	380	33505	0 - 5 ug/L
210	Chromium (Cr), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		30 days	300	380	33505	N < 5 ug/g creatinine E < 30 ug/g creatinine
211	Chromosome Study (Amniotic fluid), (no AFP)	Karyotyping	15-20 mL Amniotic fluid ; Sterile (รับน้ำส่งโดยเร็ว ขณะรอส่งให้เก็บ ที่อุณหภูมิต่ำ)	R.T.	Daily	21 days	1,950	3,000	30402	Male 46,XY ; Female 46,XX
212	Chromosome Study (Amniotic fluid), (with AFP)	Karyotyping	15-20 mL Amniotic fluid ; Sterile (รับน้ำส่งโดยเร็ว ขณะรอส่งให้เก็บ ที่อุณหภูมิต่ำ)	R.T.	Daily	21 days	2,400			Male 46,XY ; Female 46,XX
213	Chromosome Study (Blood)	Karyotyping	3-5 mL Heparinized blood ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C	Daily	14 days	1,500	1,800	30401	Male 46,XY ; Female 46,XX

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214	Chromosome Study (Blood), (ผู้ป่วย Leukemia)	Karyotyping	3-5 mL Heparinized blood ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C		14 days	4,000	4,000	37576	Male 46,XY ; Female 46,XX
215	Chromosome Study (Bone marrow)	Karyotyping	3-5 mL Heparinized Bone marrow ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C		14 days	4,000	4,000	37576	Male 46,XY ; Female 46,XX
216	Chromosome Study (Tissue)	Karyotyping	Tissue in NSS ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C		21 days	3,000	3,000	30402	Male 46,XY ; Female 46,XX
217	CK-MB mass	CLIA	1-2 mL Serum	2-8 °C		5 days	400			See Report sheet
218	Clostridium difficile Toxin (A & B)	EIA	1-2 gm Feces in Sterile container	2-8 °C	Tue, Thur, Sat	3 days	500	500	36017	Negative
219	Clostridium tetani Ab., IgG, (Tetanus Ab.)	ELISA	1-2 mL Serum	2-8 °C		14 days	500	300	37108	Protective > 0.1 IU/mL
220	CMV Ab., IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36440	Negative
221	CMV Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500			Negative (<1:100)
222	CMV Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
223	CMV Ab., IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36440	Negative
224	CMV Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500			Negative (<1:100)
225	CMV Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
226	CMV Ab., IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36440	Negative
227	CMV Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
228	CMV Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,800			See Report sheet
229	CMV Viral Load (Blood)	Real-Time PCR	5 mL EDTA blood ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C	Mon	7 days	2,500	2,500	36443	See Report sheet
230	CMV Viral Load (Specified)	Real-Time PCR	10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C		7 days	2,500	2,500	36443	See Report sheet

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231	CMV-DNA, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C	Tue	7 days	1,050			Negative
232	Cobalt (Co), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	350			< 15 ug/L
233	Cocaine	ICG	5-10 mL Urine	2-8 °C	Daily	1 day	300			Negative
234	Coenzyme Q10 (Ubiquinone)	HPLC	1-2 mL Serum (เก็บในภาชนะทึบแสง ห้ามใช้ Gel tube)	2-8 °C		14 days	3,800			See Report sheet
235	Cold agglutinin	Agglutination	1-2 mL Serum	2-8 °C		7 days	50	50	37106	Less than 1:16
236	Coliform, Total (Water)	Multiple Tube Fermentation	300 mL Water / Wastewater	2-8 °C		21 days	400			See Report sheet
237	Colony count by Membrane filter method	Membrane filter method	100 mL Water or RO Water in Sterile container (ห้ามแช่แข็ง รีบนําส่งภายใน 24 ชั่วโมง)	2-8 °C		21 days	700			See Report sheet
238	Copper (Cu), (Blood)	AAS	1-2 mL Serum	2-8 °C		14 days	220	220	33506	See Report sheet
239	Copper (Cu), (Urine)	AAS	30-50 mL Urine	2-8 °C		14 days	220	220	33506	0 - 50 ug/g creatinine
240	Copper (Cu), (24 hr.Urine)	AAS	30-50 mL of 24 hr.Urine ; record Total volume	2-8 °C		14 days	220	220	33506	0 - 80 ug/L
241	Coproporphyrin (CP3)	Colorimetric	30-50 mL Urine (ควรเก็บใส่ในภาชนะทึบแสง)	2-8 °C		7 days	300			0 - 200 ug/L
242	Cortisol	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	150	300	32603	See Report sheet
243	Coxsackie A Virus Antibody	Neutralization	1-2 mL Paired serum (นําส่งพร้อมกัน) + แบบฟอร์มประวัติ	2-8 °C		21 days	800			See Report sheet
244	Coxsackie B Virus Antibody	Neutralization	1-2 mL Paired serum (นําส่งพร้อมกัน) + แบบฟอร์มประวัติ	2-8 °C		21 days	500	500	36580	See Report sheet
245	C-peptide	CLIA	1-2 mL Serum (Fasting)	2-8 °C	Tue, Fri	4 days	350	350	32624	0.7 - 7.1 ng/mL
246	CPK Isoenzymes	Electrophoresis	1-2 mL Serum	2-8 °C		25 days	7,000			See Report sheet
247	CPK, Total	Automated (IFCC)	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	75	75	32304	M 38 - 174 U/L F 26 - 140 U/L
248	Creatinine (Blood)	Enzymatic	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	40	40	32202	M 0.67 - 1.17 mg/dL F 0.51 - 0.95 mg/dL

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249	Creatinine (Random Urine)	Enzymatic	5-10 mL Urine	2-8 °C	Daily	1 day	40	40	34101	M 40 - 278 mg/dL F 29 - 226 mg/dL
250	Creatinine (24 hr.Urine)	Enzymatic	10-20 mL of 24 hr.Urine ; record Total volume (ไม่ต้องใช้สาร preservative)	2-8 °C	Daily	1 day	50	50	34102	M 870 - 2410 mg/24hr. F 670 - 1590 mg/24hr.
251	Creatinine Clearance	Calculation	10-20 mL of 24 hr.Urine ; record Total volume and 1-2 mL Serum	2-8 °C	Daily	1 day	200			M 90 - 139 mL/min F 80 - 125 mL/min
252	CRP (C-Reactive Protein), Quantitative	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	130	130	37103	Less than 5.0 mg/L
253	CRP-High sensitivity (HS-CRP)	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	120	250	37218	0 - 3 mg/L
254	Cryofibrinogen	Coagulation	2-3 mL Citrated plasma (เจาะเลือดคนละข้างกับข้างที่ ให้สารน้ำ)	Freeze		14 days	200			Negative
255	Cryoglobulin	Precipitation	1-2 mL Serum (รับน้ำส่งโดยเร็ว ห้ามแช่เย็น)	R.T.		21 days	100	100	37219	Negative
256	Cryptococcus Antigen, Qualitative (CSF)	Agglutination	1-2 mL CSF	2-8 °C	Daily	1 day	150	270	37227	Negative
257	Cryptococcus Antigen, Qualitative (Serum)	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	150	270	37227	Negative
258	Cryptococcus Antigen, titer (CSF)	Agglutination	1-2 mL CSF	2-8 °C	Daily	1 day	450	450	37228	Negative
259	Cryptococcus Antigen, titer (Serum)	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	450	450	37228	Negative
260	Cryptosporidium	Special Dye-test	Stool or Sputum or CSF in Sterile container	2-8 °C		21 days	70	70	31225	Negative
261	Crystal Analysis	Polarization	10-20 mL Synovial fluid	2-8 °C		7 days	400			Negative
262	CTX II (Corrected Urine CTX II)	EIA	5-10 mL of 2 nd Morning void Urine	2-8 °C	Mon	10 days	3,300			See Report sheet
263	Culture and Sensitivity (Bacteria)	Conventional culture	Specimen in Sterile container or Transport medium	2-8 °C	Daily	3 - 7 days	180	250	35101	No growth

ITEM	TEST NAME	METHODOLOGY	PREFERED SPECIMEN	STORAGE	SCHEDULE	T A T.	PRICE	ราคา งบก 1 อย. 2561	รหัส งบก 1 อย. 2561	REFERENCE
264	Cyanide (Cn), (Blood)	HPLC	3-5 mL EDTA blood	2-8 °C		21 days	200	200	33515	See Report sheet
265	Cyanide (Cn), (Gastric)	HPLC	30-50 mL Gastric content	2-8 °C		21 days	200	200	33515	Negative
266	Cyclohexanol	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	300			See Report sheet
267	Cyclospora	Special Dye-test	Stool or Sputum in Sterile container	2-8 °C		21 days	400			Negative
268	Cyclosporine A	CMIA	2-3 mL EDTA blood	2-8 °C		5 days	1,000	1,000	33201	See Report sheet
269	Cystatin C	Nephelometry	1-2 mL Serum	2-8 °C		5 days	500			0.53 - 0.96 mg/L
270	Cysticercosis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		30 days	120	120	36203	Negative
271	Cysticercosis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		30 days	120	120	36203	Negative
272	DCIP	Electrophoresis	2-3 mL EDTA blood	2-8 °C	Daily	1 day	200			Negative
273	D-Dimer	Immunometric flow-through	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Daily	1 day	225	225	30208	Less than 0.3 mg/L
274	Dengue (1-4) Ab., IgG & IgM, Type specific, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma or CSF	2-8 °C	Daily	2 days	1,200			See Report sheet
275	Dengue Ab., IgG (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	260	36610	See Report sheet
276	Dengue Ab., IgM (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	260	36610	Negative
277	Dengue Ab., IgG & IgM (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	520	36610	See Report sheet
278	Dengue NS1 Antigen	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	260	260	36614	Negative
279	Dengue, PCR, Qualitative	Real-Time PCR	3-5 mL EDTA blood or 2 mL Serum ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C		5 days	900	900	36613	Undetectable
280	Depakine (Valproic acid)	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	200	300	33104	50 - 100 ug/mL
281	DHEA-S (Dehydroepiandrosterone sulfate)	CLIA	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	300	300	32607	M 80 - 560 ug/dL F 35 - 430 ug/dL

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282	Digoxin	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	240	240	33302	0.8 - 2.0 ng/mL
283	Dihydrotestosterone	EIA	1-2 mL Serum	2-8 °C		21 days	3,000			See Report sheet
284	Dilantin (Phenytoin)	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	200	300	33103	10 - 20 ug/mL
285	Direct Coombs' Test	Agglutination	3-5 mL EDTA blood	2-8 °C		7 days	90	90	22111	Negative
286	Direct Immunofluorescence (Tissue)	IFA	Tissue in NSS แช่เย็น 4° C ; Sterile (รีบนําส่งโดยเร็ว) ^{#2} ส่งมาถึงบริษัท ภายใน 24 ชั่วโมง ก่อนวันหยุดราชการ 2 วัน	4 °C		14 days	2,000			See Report sheet
287	Dopamine (24 hr.Urine)	HPLC	30-50 mL of 24 hr.Urine ; record Total volume	2-8 °C		14 days	1,300			100 - 400 ug/24hr.
288	Double Markers (PAPP-A, Free B-hCG)	TRACE	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C	Mon, Wed, Fr	3 days	1,500			See Report sheet
289	E. coli (Water)	Multiple Tube Fermentation	300 mL Water / Wastewater	2-8 °C		21 days	400			See Report sheet
290	E. histolytica Ab., IgG, Quantitative	EIA	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	270	600	36208	Negative
291	EBNA Ab., titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			Negative (<1:10)
292	EBNA Ab., titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,200			Negative (<1:4)
293	EBV Viral Load	Real-Time PCR	3-5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C		7 days	1,600	1,600	36433	See Report sheet
294	EBV-CA Ab., IgA, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36430	Negative (<1:10)
295	EBV-CA Ab., IgA, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	300	300	36430	Negative (<1:10)
296	EBV-CA Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36430	Negative (<1:10)
297	EBV-CA Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	300	300	36430	Negative (<1:4)

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298	EBV-CA Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36430	Negative (<1:10)
299	EBV-CA Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	300	300	36430	Negative (<1:4)
300	EBV-CA Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	600	600	36430	See Report sheet
301	EBV-DNA, PCR, Qualitative	PCR	3-5 mL EDTA blood or 2 mL CSF ; Sterile (รีบนําส่ง ไคยเร็ว)	2-8 °C		7 days	1,200			Negative
302	EBV-EA Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			Negative (<1:10)
303	Echinococcus Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400			Negative
304	Echinococcus Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400			Negative
305	EGFR Mutations Cobas (CE-IVD) (Exon 18 - 21)	PCR	Parafilm Embedded Block & Slide (กรุณาแนบผลการตรวจ ชิ้นเนื้อมาด้วยทุกครั้ง)	R.T.		21 days	5,760	5,760	32217	See Report sheet
306	Electrolytes (Na, K, Cl, CO ₂), (Serum)	Direct ISE & Enzymatic	1-2 mL Serum	2-8 °C	Daily	1 day	100	100	32001	See Report sheet
307	Electrolytes (Na, K, Cl), (Random Urine)	Direct ISE	5-10 mL Urine	2-8 °C	Daily	1 day	80	40 + 40	34002 / 34004	See Report sheet
308	Electrolytes (Na, K, Cl), (24 hr.Urine)	Direct ISE	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	100	50 + 50	34122 / 34121	See Report sheet
309	Endotoxin (Water)	Kinetic Turbidity	30-50 mL RO Water ส่งมาถึงบริษัท ก่อนวันพุธ สัปดาห์ ที่ 1 และ 3 ของเดือน	2-8 °C		21 days	1,500			See Report sheet
310	Enterovirus Antibody	Neutralization	1-2 mL Paired serum (นําส่ง พร้อมกัน) + แบบฟอร์มประวัติ	2-8 °C		21 days	1,000			See Report sheet
311	Enterovirus Culture	micro-NT	Nasopharyngeal swab in VTM or 8 gm.Feces + พร้อมแบบ ฟอร์มประวัติ	2-8 °C		30 days	500			Not found

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312	Enterovirus, PCR, Qualitative	PCR	1 mL CSF in Sterile container or 2 mL EDTA plasma (รีบนำส่ง โดยเร็ว) or Nasopharyngeal wash / aspiration, Tracheal suction in VTM or Stool (ใส่ใน VTM ปั่นแยก นำส่วนใส supernatant ส่งตรวจ)	2-8 °C		7 days	710	710	36466	Undetectable
313	Erythropoietin (EPO)	CLIA	1-2 mL Serum	2-8 °C	Tue, Thur, Fri	4 days	250	250	30308	3.7 - 29.5 mIU/mL
314	Erythropoietin Antibody (Anti-rHuEpo)	RIP	10 mL Clotted blood + 5 mL EDTA blood (ส่งพร้อมกัน) + พร้อมแบบฟอร์มประวัติ	2-8 °C		40 days	4,500			See Report sheet
315	ESR	Westergren	3-5 mL EDTA blood	2-8 °C	Daily	1 day	50	50	30105	M 0 - 15 ; F 0 - 20 mm/hr
316	Estradiol (E2)	CMIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	170	170	32618	See Table
317	Euglobulin Lysis Time	Acid Precipitation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	50	50	30206	See Report sheet
318	Everolimus level (Certican)	EIA	3-5 mL EDTA blood	2-8 °C		7 days	1,100	1,100	33208	3 - 8 ug/L
319	Factor II	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30215	70 - 120 U/dL
320	Factor Inhibitor screening	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	600			No inhibitor
321	Factor V	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30216	70 - 130 U/dL
322	Factor V Leidens Gene Mutation	PCR	6-10 mL EDTA blood (ห้ามปั่นแยก) ส่งมาเชิงบริษัท ก่อนวันหยุดราชการ 2 วัน	2-8 °C		30 days	500	500	37516	Negative
323	Factor VII	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	800	1,000	30218	60 - 140 U/dL
324	Factor VIII	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	880	880	30219	50 - 150 U/dL

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325	Factor VIII Inhibitor assay	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	880	880	30220	No inhibitor
326	Factor IX	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	520	520	30221	70 - 120 U/dL
327	Factor IX Inhibitor assay	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30222	No inhibitor
328	Factor X	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30223	60 - 130 U/dL
329	Factor XI	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30224	70 - 130 U/dL
330	Factor XII	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	1,000	1,000	30225	70 - 130 U/dL
331	Factor XIII	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		7 days	400			Negative
332	Fecal Fat	Microscopic	1-2 gm Feces in Sterile container	2-8 °C		7 days	100	100	31205	Negative
333	Ferritin	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	150	310	30306	See Report sheet
334	Fibrinogen	Clauss Method	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Daily	1 day	200	200	30214	179 - 398 mg/dL
335	FIP1L1-PDGFR Gene by FISH	FISH	5 mL Heparinized blood or Bone marrow + แบบฟอร์มประวัติ	2-8 °C		14 days	5,000			See Report sheet
336	FIP1L1-PDGFR Gene by PCR	PCR	5-10 mL EDTA blood or Bone marrow ; Sterile (รับน้ำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อน วันหยุดราชการ 2 วัน	2-8 °C		30 days	4,000			See Report sheet
337	Flowcytometry : Acute Leukemia Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับน้ำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	2,300	2,300	30501	See Report sheet

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338	Flowcytometry : Lymphoma Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	4,000	4,000	30512	See Report sheet
339	Flowcytometry ; Lymphocyte All Subsets Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	3,500			See Report sheet
340	Flowcytometry : MRD, AML Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	1,600	1,600	30507	See Report sheet
341	Flowcytometry : MRD, B-ALL Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	1,800	1,800	30505	See Report sheet
342	Flowcytometry : MRD, T-ALL Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	1,600	1,600	30506	See Report sheet
343	Flowcytometry : Multiple Myeloma (MM) (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	3,900			See Report sheet
344	Flowcytometry : Myelodysplastic Syndrome (MDS) (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	4,000			See Report sheet
345	Flowcytometry : NK cell Panel (CD16/CD56) (ส่งที่ NGD)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days				See Report sheet
346	Flowcytometry : PNH Panel (ส่งที่ NGD)	Flowcytometry	5 mL EDTA Blood (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น)	R.T.		7 days	2,500			See Report sheet

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347	Flowcytometry ; Acute Leukemia Panel (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	7,000			See Report sheet
348	Flowcytometry : AML, MRD Panel (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	7,000			See Report sheet
349	Flowcytometry : B-ALL, MRD Panel (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	7,000			See Report sheet
350	Flowcytometry ; T-ALL, MRD Panel (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	5,000			See Report sheet
351	Flowcytometry ; CD19 / CD20 (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	2,400			See Report sheet
352	Flowcytometry ; CD3 / 16+56 (สั่งที่ รพ.รามมา)	Flowcytometry	5 mL EDTA or Heparinized Blood (รับนำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	2,400			See Report sheet

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353	Flowcytometry ; Lymphocyte All Subsets Panel (สั่งที่ รพ.รามฯ)	Flowcytometry	5 mL EDTA or Heparinized Blood (รับน้ำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	3,600			See Report sheet
354	Flowcytometry ; Non Hodgkin's Lymphoma Panel (สั่งที่ รพ.รามฯ)	Flowcytometry	5 mL EDTA or Heparinized Blood or Bone marrow (รับน้ำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่ง มาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	7,000			See Report sheet
355	Flowcytometry ; PNH Panel (สั่งที่ รพ.รามฯ)	Flowcytometry	5 mL EDTA or Heparinized Blood (รับน้ำส่งโดยเร็ว) ^{#2} (ห้ามแช่เย็น) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		14 days	4,500			See Report sheet
356	FLT3 Gene Mutation in AML	PCR & PCR-RFLP	5-10 mL EDTA blood or Bone marrow ; Sterile (รับน้ำส่งโดยเร็ว) ^{#2} ส่งถึงบริษัทก่อน วันหยุดราชการ 2 วัน	2-8 °C		21 days	4,200			See Report sheet
357	Fluoride	ISE	30-50 mL Urine	2-8 °C		21 days	100			0 - 4 ug/mL
358	Folate (RBC)	ECLIA	2-3 mL EDTA blood (เก็บในภาชนะทึบแสง)	2-8 °C	Daily	1 day	1,000			141 - 1018 ng/mL
359	Folate (Serum)	ECLIA	1-2 mL Serum (เก็บในภาชนะทึบแสง)	2-8 °C	Daily	1 day	240	240	32415	3.89 - 26.80 ng/mL
360	Formaldehyde (Blood)	GC	5 mL NaF blood	2-8 °C		14 days	1,000			Not found
361	Formic acid (Methanol metabolite)	GC-Headspace	30-50 mL Urine (ควรเก็บปีสภาวะหลังเลิกงาน)	2-8 °C		21 days	500			0 - 17 mg/L
362	Fragile X Syndrome Analysis	PCR-base STR	5 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว) ส่งมาถึงบริษัท ก่อนวันหยุดราชการ 2 วัน	2-8 °C		60 days	3,000	3,000	37509	See Report sheet
363	Free Androgen Index & Testosterone	ECLIA / FIA	1-2 mL Serum	2-8 °C		14 days	450			M 40 - 90 ; F 0.8 - 7.0 %

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364	Free Cortisol (24 hr.Urine)	ELISA	10-20 mL of 24 hr.Urine ; record Total volume (ไม่ต้องใช้สาร preservative)	2-8 °C	Tue, Fri	4 days	250	250	34111	50 - 190 ug/day
365	Free Light Chain ; Kappa	Nephelometry	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	1,100			3.3 - 19.4 mg/L
366	Free Light Chain ; Lambda	Nephelometry	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	1,100			5.71 - 26.3 mg/L
367	Free Light Chain : Kappa / Lambda Ratio	Nephelometry	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	2,200	1,500	32007	See Report sheet
368	Free T3	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	130	170	32612	2.3 - 4.2 pg/mL
369	Free T4	CLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	90	150	32610	0.9 - 1.8 ng/dL
370	Free T4 (Dog)	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	150			0.7 - 3.3 ng/dL (Adult)
371	Free Testosterone	CLIA & Calculation	1-2 mL Serum	2-8 °C	Tue, Fri	5 days	1,500			M 4.7 - 24.4 ng/dL F 0.06 - 0.68 ng/dL
372	Fructosamine	CLIA	1-2 mL Serum	2-8 °C		5 days	120	120	32206	M 118 - 282 umol/L F 161 - 351 umol/L
373	FSH	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	135	135	32616	See Table
374	FTA-Abs., IgG (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	200	36004	Non-reactive
375	FTA-Abs., IgG (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	200	200	36004	Non-reactive
376	FTA-Abs., IgM (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	200	36004	Non-reactive
377	FTA-Abs., IgM (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	200	200	36004	Non-reactive
378	Fungus Culture (ตรวจ Identify เชื้อเท่านั้น)	Conventional culture	Specimen in Sterile container รับตรวจเฉพาะสิ่งส่งตรวจในคน เท่านั้น	2-8 °C		30-50 days	300	300	35107	No growth for Fungus
379	Fungus Culture (Hemo) (ตรวจ Identify เชื้อเท่านั้น)	Conventional culture	Blood in BACTEC container (BACTEC Myco/ F Lytic culture Vial) ; Sterile (ห้ามเขย่า) ^{#1}	R.T.		30-50 days	300	300	35107	No growth for Fungus

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380	Fungus, PCR, Qualitative	PCR	Specimen in Sterile container รับตรวจเฉพาะห้องส่งตรวจในคน เท่านั้น	2-8 °C		21 days	1,760	1,760	35240	Negative
381	G-6-PD	Fluorescence Spot	2-3 mL EDTA blood	2-8 °C	Daily	1 day	57	70	30310	Normal
382	G-6-PD, Quantitative	Enzymatic Kinetic assay	3-5 mL EDTA blood	2-8 °C		7 days	230	230	30322	M 159 - 297 ; F 197 - 330 IU/100 mL RBC
383	Galactomannan Antigen	EIA	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	500	500	35116	Negative
384	Gamma GT	Kinetic	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	90	130	32312	M 15 - 85 ; F 5 - 55 U/L
385	Gastrin	CLIA	2-3 mL Serum (Fasting)	2-8 °C		10 days	4,200			See Report sheet
386	Gentamicin	FPIA	1-2 mL Serum	2-8 °C		7 days	500			See Report sheet
387	Globulin	Calculation	1-2 mL Serum	2-8 °C	Daily	1 day	80			1.5 - 3.5 g/dL
388	Glucose	Enzymatic	2-3 mL NaF blood	2-8 °C	Daily	1 day	40	40	32203	74 - 106 mg/dL
389	Glucose (CSF)	Enzymatic	1-2 mL CSF	2-8 °C	Daily	1 day	40	40	32203	40 - 70 mg/dL
390	Glutathione	HPLC	3-5 mL EDTA blood (เก็บในภาชนะทึบแสง ห้ามปั่นแยก)	2-8 °C		10 days	3,000			See Report sheet
391	GMS Stain	Microscopic	Specimen in Sterile container	2-8 °C		10 days	400			Negative
392	Gnathostomiasis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400	910	31215	Negative
393	Gnathostomiasis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400	910	31215	Negative
394	Gram Stain	Microscopic	Specimen in Sterile container	2-8 °C	Daily	1 day	65	65	35002	No organism seen
395	Growth Hormone (GH)	CLIA	1-2 mL Serum ; Fasting and complete rest 30 minute	2-8 °C	Tue, Fri	4 days	350	600	32623	See Report sheet
396	H. influenza Antigen	Agglutination	1-2 mL CSF	2-8 °C		3 days	200	200	36013	Negative
397	H. pylori Ab., IgG, Qualitative	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	500	36014	Negative
398	H. pylori Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36014	Negative (<1:100)

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399	H. pylori Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36014	Negative (<1:10)
400	H. pylori Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
401	H. pylori Antigen Screening	ICG	2 gm. Feces in Sterile container	2-8 °C		7 days	700			Negative
402	Hand Foot and Mouth disease (Enterovirus 71, Coxsackievirus A6, Coxsackievirus A16)	Real-Time PCR	Stool ปริมาณเท่าหัวไม้ขีดไฟใส่ลง ใน VTM ปั่นแยก นำส่วนใส supernatant ส่งทดสอบ or 3-5 mL EDTA blood or Nasopharyngeal swab in VTM	2-8 °C		5 days	4,100			Negative
403	Haptoglobin	Nephelometry	1-2 mL Serum	2-8 °C		7 days	150	200	30317	0.3 - 2 mg/mL
404	HAV Ab., IgM	CMIA	1-2 mL Serum or EDTA plasma or Sodium Heparinized plasma	2-8 °C	Daily	1 day	250	400	36302	Negative
405	HAV Ab., Total	ECLIA	1-2 mL Serum	2-8 °C	Daily	1 day	250	400	36301	Negative
406	HAV-RNA, PCR, Qualitative	Real-Time PCR	1-2 mL Serum	2-8 °C		14 days	850			Negative
407	HbA1c	HPLC	2-3 mL EDTA blood	2-8 °C	Daily	1 day	145	150	32401	4 - 6 %
408	HBc Ab., IgM	CMIA	1-2 mL Serum or EDTA plasma or Sodium Heparinized plasma	2-8 °C	Daily	1 day	300	300	36312	Negative
409	HBc Ab., Total	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	200	200	36311	Negative
410	HBe Ab.	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	300	300	36315	Negative
411	HBe Ag.	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	180	180	36314	Negative
412	HBs Ab.	ECLIA	1-2 mL Serum or EDTA plasma	2-8 °C	Daily	1 day	150	150	36317	Negative
413	HBs Ag.	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	80	130	36319	Negative
414	HBs Ag. (by Neutralization)	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	400			Negative

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415	HBs Ag., Quantitative	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	600	600	36321	Negative
416	HBV Prevaccination (HBs Ag, HBs Ab, HBc Ab)	ECLIA	1-2 mL Serum or EDTA plasma	2-8 °C	Daily	1 day	480	130 + 150 + 200		Negative
417	HBV Profile (HBs Ag, HBs Ab, HBc Ab, HBe Ag, HBe Ab)	ECLIA	2-3 mL Serum or EDTA plasma	2-8 °C	Daily	1 day	960	130 + 150 + 200 + 180 + 300		Negative
418	HBV Drug Resistance	Real-Time PCR	3-5 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว ระบุค่า Viral load มาด้วยทุกครั้ง ตรวจสอบได้กรณีที่ค่า HBV VL > 2,000 IU/mL)	2-8 °C		14 days	3,200	3,200	36323	See Report sheet
419	HBV Genotype	Reverse Hybridization	3-5 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว ระบุค่า Viral load มาด้วยทุกครั้ง ตรวจสอบได้กรณีที่ค่า HBV VL > 2,000 IU/mL)	2-8 °C		14 days	3,200	3,200	36323	See Report sheet
420	HBV-DNA Viral Load	Real-Time PCR	5-10 mL EDTA blood or 2 mL Serum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C	Wed, Fri, Sun	3 days	1,300	1,800	36320	See Report sheet
421	HBV-DNA, PCR, Qualitative	PCR	3-5 mL EDTA blood ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		5 days	1,300			Negative
422	HCV Ab.	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	290	300	36331	Negative
423	HCV Genotype	Real-Time PCR	5-10 mL EDTA blood or 2 mL Serum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C	Wed	10 days	2,500	2,800	36334	See Report sheet
424	HCV-RNA Viral Load	Real-Time PCR	5-10 mL EDTA blood or 2 mL Serum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C	Tue, Thur, Sat	3 days	2,200	2,300	36333	See Report sheet
425	HCV-RNA, PCR, Qualitative	Real-Time PCR	5-10 mL EDTA blood or 2 mL Serum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		10 days	1,800			Negative
426	HDL-cholesterol	Enzymatic	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	100	100	32503	40 - 60 mg/dL
427	HE4 (Human Epididymis protein 4)	ECLIA	2-3 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Wed	7 days	1,500			See Report sheet

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428	HE4 / CA125 (ROMA Score)	ECLIA	2-3 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Wed	7 days	2,000			See Report sheet
429	Heinz Bodies	Microscopic	2-3 mL EDTA blood	2-8 °C		5 days	40	40	30111	Negative
430	Helicobacter Culture	Conventional culture	3-4 pieces of Gastric biopsy in Brucella broth	2-8 °C		21 days	300			No growth
431	Hemoculture (Automate)	Fluorogenic	Blood in BACTEC container ; Sterile (ห้ามแช่เย็น) #1	R.T.	Daily	5 - 7 days	160	300	35105	No growth
432	Hemoglobin Typing	HPLC & EP	2-3 mL EDTA blood	2-8 °C	Daily	1 day	160	260	30313	See Report sheet
433	Hemosiderin	Microscopic	30-50 mL Urine	2-8 °C		7 days	50	50	31010	Negative
434	Hepatitis D Virus (HDV) Ab	EIA	1-2 mL Serum	2-8 °C		21 days	300	300	36384	Negative
435	Her-2/neu by FISH	FISH	Paraffin Block + ผักกาดหัว Biopsy	R.T.		30 days	11,000			See Report sheet
436	Herpes simplex Viruses Group (HSV, VZV, CMV), PCR, Qualitative	Real-Time PCR	3-5 mL EDTA blood or 2 mL CSF ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C	Wed	7 days	6,000			Negative
437	Heterophile Ab. (Mono Test)	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	120			Negative
438	HEV Ab., IgG	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	36385	Negative
439	HEV Ab., IgM	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	36385	Negative
440	HEV Ab., IgG & IgM	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	600	600	36385	Negative
441	Hippuric acid (as Toluene, Thinner metabolite)	HPLC	20-30 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	200	200	33558	0 - 1.6 g/g creatinine
442	Histoplasma Ab.	ID	1-2 mL Serum	2-8 °C		7 days	200			Negative
443	HIV 1&2 Ab. & HIV 1 Ag. (Duo)	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	220	220	36350	Negative
444	HIV-1 Antigen	ECLIA	1-2 mL Serum	2-8 °C	Daily	5 days	130	130	36360	Negative

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445	HIV-1 Genotype (RT & Protease) (สิ่งที่ รพ.รามมา)	RT & Protease	3-5 mL EDTA blood ; Sterile (รับนำส่งโดยเร็ว ระบุค่า Viral load มาด้วยทุกครั้ง ตรวจสอบได้กรณีค่า HIV VL > 2,000 copies/mL)	2-8 °C		21 days	6,000	6,000	36370	See Report sheet
446	HIV-1, PCR, Qualitative	PCR	1-2 mL EDTA plasma (ควรวิน แยก plasma ภายใน 6 ชั่วโมง หลังเจาะเลือด, กรณีเด็กอายุ < 18 เดือน ใช้ 3-5 mL EDTA blood) ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C		3 days	1,800			Negative
447	HIV-1-RNA Viral Load	Real-Time PCR	5-10 mL EDTA blood ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C	Mon, Wed, Sa	3 days	1,700	1,800	36362	See Report sheet
448	HLA-B 1502	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	2,500			See Report sheet
449	HLA-B 1502 (Carbamazepine only)	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	1,000	1,000	30621	See Report sheet
450	HLA-B 5701	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	2,500			See Report sheet
451	HLA-B 5701 (Abacavir only)	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	1,000	1,000	30633	See Report sheet
452	HLA-B 5801	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	2,500			See Report sheet
453	HLA-B 5801 (Allopurinol only)	PCR	3-5 mL EDTA blood (แจ้งประวัติการใช้ยาด้วยทุกครั้ง)	2-8 °C		14 days	1,000	1,000	30622	See Report sheet
454	HLA-B27	Real-Time PCR	5 mL EDTA blood ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C	Fri	7 days	600	600	30601	Negative
455	Homocysteine	CMIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	480	480	30311	5 - 15 umol/L
456	HPV Genotype	Real-Time PCR	Specimen in Liquid-Based Cytology Vial	R.T.	Tue	7 days	2,000			Negative

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457	HPV-DNA, PCR (COBAS HPV)	Real-Time PCR	Specimen in Liquid-Based Cytology Vial	R.T.	Mon	7 days	900			Negative
458	HPV-mRNA APTIMA (HPV HR & HPV 16/18/45 Testing)	TMA (Transcription mediated amplification)	ThinPrep PreservCyt solution	R.T.	Thur (กรณีผล +ve ทำ HPV 16/18 ในวันศุกร์)	10 days	900			Negative
459	Seegene HPV HR 14 genotypes detection (รายงานผลเป็น genotype)	Real-Time PCR	Specimen in Liquid-Based Cytology Vial	R.T.	Mon	7 days	1,000			Negative
460	HSV Ab. (Type I&II), IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36402	Negative
461	HSV Ab. (Type I&II), IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	600			Negative (<1:100)
462	HSV Ab. (Type I&II), IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
463	HSV Ab. (Type I&II), IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36402	Negative
464	HSV Ab. (Type I&II), IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	600			Negative (<1:10)
465	HSV Ab. (Type I&II), IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
466	HSV Ab. (Type I&II), IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	600	36402	Negative
467	HSV Ab. (Type I&II), IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			See Report sheet
468	HSV Ab. (Type I&II), IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,800			See Report sheet

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469	HSV Antigen by IFA	IFA	Smear slide (ที่ scrape ได้จากแผล หรือ vesicle ถ้าเป็น fluid เช่น eye fluid ให้ใส่ลงใน sterile container รีบ นำส่งโดยเร็ว), Nasopharyngeal wash/ aspiration, Tracheal suction, Sputum ใส่ใน VTM (ยกเว้น BAL ให้ ใส่ในภาชนะปราศจากเชื้อ)	2-8 °C		7 days	800			Negative
470	HSV Culture	In Vitro Culture	Vesicle fluid, Genital swab, Swab from lesion in VTM or BAL / CSF in Sterile container	2-8 °C		14 days	1,600			Negative
471	HSV Serotype	Immunoblot	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	3 days	1,800			Negative
472	HSV-DNA, PCR, Qualitative	Real-Time PCR	1-2 mL Aseptic fluid or 5 mL EDTA blood or 10 mL Urine or 2 mL CSF ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C	Wed	7 days	1,000	1,400	36405	Negative
473	HSV (Type I&II) Viral Load	Real-Time PCR	5 mL EDTA blood or 10 mL Body fluid or 2 mL CSF ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C		14 days	2,900			See Report sheet
474	Human Herpes Virus Type 6, PCR, Qualitative	PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C		14 days	1,300	1,300	36450	Undetectable
475	Human Herpes Virus Type 7, PCR, Qualitative	PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C		14 days	1,300	1,300	36451	Undetectable
476	Human Herpes Virus Type 8, PCR, Qualitative	PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C		14 days	1,300	1,300	36452	Undetectable

ITEM	TEST NAME	METHODOLOGY	PREFERED SPECIMEN	STORAGE	SCHEDULE	T A T.	PRICE	ราคา คบท 1 คย. 2561	รหัส คบท 1 คย. 2561	REFERENCE
477	Human Metapneumo Virus, PCR, Qualitative	PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รีบน้ำส่งโดยเร็ว)	2-8 °C		14 days	890	890	36762	Undetectable
478	Huntington's disease	PCR & Gene sequence	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งให้เก็บไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		30 days	2,500	2,500	37527	See Report sheet
479	IA 2	IRMA	1-2 mL Serum	2-8 °C		90 days	5,500			See Report sheet
480	IgA level	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	350	350	37205	70 - 400 mg/dL
481	IgE, Total	CLIA	1-2 mL Serum	2-8 °C	Tue, Thur, Fri	4 days	350	350	37350	Less than 100 IU/mL
482	IGF BP3	CLIA	1-2 mL Serum	2-8 °C		14 days	480	480	32627	See Report sheet
483	IGF1	CLIA	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	600	720	32626	See Report sheet
484	IgG level	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	350	350	37201	700 - 1600 mg/dL
485	IgG Subclass 1 (IgG1)	Nephelometry	1-2 mL Serum	2-8 °C		7 days	750			See Report sheet
486	IgG Subclass 2 (IgG2)	Nephelometry	1-2 mL Serum	2-8 °C		7 days	750			See Report sheet
487	IgG Subclass 3 (IgG3)	Nephelometry	1-2 mL Serum	2-8 °C		7 days	750			0.11 - 0.85 g/L
488	IgG Subclass 4 (IgG4)	Nephelometry	1-2 mL Serum	2-8 °C		7 days	500	500	37110	0.03 - 2.0 g/L
489	IgG Subclass (IgG1, IgG2, IgG3, IgG4)	Nephelometry	1-2 mL Serum	2-8 °C		14 days	2,500	2,500	37111	See Report sheet
490	IgM level	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	350	350	37206	40 - 230 mg/dL
491	Immunoelectrophoresis	Immuno-EP	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
492	Immunofixation	Immunofixation	1-2 mL Serum	2-8 °C	Mon	7 days	1,470	1,470	33154	See Report sheet
493	Immunoglobulin Level Profile (IgA & IgG & IgM)	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	1,050	350 + 350 + 350	37205 / 37201 / 37206	See Report sheet
494	Inclusion Bodies	Microscopic	2-3 mL EDTA blood	2-8 °C		5 days	40	40	30113	Negative

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495	Indian Ink Preparation	Microscopic	1-2 mL CSF	2-8 °C		5 days	60	60	35003	Not found
496	Indirect Coombs' Test	Agglutination	2-3 mL EDTA blood and 1-2 mL Serum (ส่งพร้อมกัน)	2-8 °C		7 days	120	120	22104	Negative
497	Influenza Virus (A & B) by Rapid Test	ICG	Nasopharyngeal wash in VTM	2-8 °C		3 days	350	350	36506	Negative
498	Influenza Virus A, B, H1N1 2009, PCR, Qualitative	Real-Time PCR	Nasopharyngeal wash in VTM	2-8 °C	Mon, Wed, Fr	3 days	1,200	1,200 + 580	36508 / 36516	Negative
499	Influenza Virus A Ab., IgM	EIA	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C		21 days	500			Negative
500	Influenza Virus B Ab., IgM	EIA	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C		21 days	500			Negative
501	Insulin	CLIA	1-2 mL Serum (Fasting)	2-8 °C	Tue, Fri	4 days	250	250	32625	6 - 27 uIU/mL
502	Interleukin-6 (IL-6)	ECLIA	2-3 mL Serum	2-8 °C		10 days	1,000			0 - 7 pg/mL
503	Iodine (Urine)	Sandell-Kolthaff Reaction	30-50 mL Urine	2-8 °C		14 days	120	120	31012	90 - 230 ug/L
504	Isopropanol	GC-Headspace	30-50 mL Urine (ควรเก็บปีศาจหลังเลิกงาน)	2-8 °C		14 days	150			0 - 60 mg/L
505	Isospora	Special Dye-test	1-2 gm Feces in Sterile container	2-8 °C		21 days	400			Negative
506	JAK2 V617F Mutation	Real-Time PCR	3-5 mL EDTA blood (รับน้ำส่งโดยเร็ว ห้ามแช่เย็น)	R.T.	Mon	7 days	1,600	1,320	30411	Negative
507	JC Virus Viral Load	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,600	1,600	36671	See Report sheet
508	JC Virus, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,500			Undetectable
509	JE Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36620	Negative (<1:10)
510	JE Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	250	250	36620	Negative (<1:4)
511	JE Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36620	Negative (<1:10)
512	JE Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	250	250	36620	Negative (<1:4)

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513	JE Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36620	See Report sheet
514	JE Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	500	500	36620	See Report sheet
515	JEV-RNA, PCR, Qualitative	PCR	1-2 mL CSF ; Sterile	2-8 °C		14 days	860	860	37803	Undetectable
516	Kennedy disease Expansion	PCR & Gene sequence	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งให้เก็บไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		30 days	1,500	1,500	37530	See Report sheet
517	Keppra level (Levetiracetam)	LC/MS/MS	2-3 mL Serum	2-8 °C		14 days	2,500			See Report sheet
518	KRAS mutation	PCR	Parafilm Embedded Block & Slide (กรุณาแนบผลการตรวจ ชิ้นเนื้อมาด้วยทุกครั้ง)	R.T.		21 days	7,200	7,200	37805	See Report sheet
519	Lactate	Enzymatic	1-2 mL NaF plasma (ควรเจาะเลือดโดยไม่รัดแขน ปั่นแยกทันที รีบนำส่งโดยเร็ว)	2-8 °C	Daily	1 day	150	150	32008	0.4 - 2.0 mmol/L
520	LDH Isoenzymes	Electrophoresis	1-2 mL Serum	2-8 °C		10 days	250	250	32315	See Report sheet
521	LDH, Total	Automated (Pyruvate)	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	60	60	32306	207 - 414 U/L
522	LDL-cholesterol	Enzymatic	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	150	150	32504	Less than 100 mg/dL
523	LE Ab.	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	150	150	30124	Negative
524	Lead (Pb), (Blood)	AAS-GF	3-5 mL EDTA blood	2-8 °C	Thur	7 days	100	400	33508	N < 40 ug/dL E < 60 ug/dL
525	Lead (Pb), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	150	400	33508	N < 65 ug/g creatinine E < 150 ug/g creatinine
526	Leber's Hereditary Optic Neuropathy (LHON)	PCR	6-10 mL EDTA blood	2-8 °C		45 days	3,500			See Report sheet
527	Legionella pneumophila sero.1-14 Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:100)

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528	Legionella pneumophila sero.1-14 Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:100)
529	Legionella pneumophila sero.1-14 Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
530	Leishmaniasis	Special Dye-test	3-5 mL EDTA blood	2-8 °C		21 days	400			Negative
531	Leprosy by Isothermal amplification	Nucleic acid amplification	Tissue in NSS ; Sterile (รีบนำส่ง โดยเร็ว)	2-8 °C		21 days	1,000			Negative
532	Leptospira Ab. (Animal)	ICG	1-2 mL Serum	2-8 °C		7 days	200	200	36007	Negative
533	Leptospira Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	120			See Report sheet
534	Leptospira Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300			See Report sheet
535	LH	CMIA	1-2 mL Serum or EDTA plasma or Sodium Heparinized plasma	2-8 °C	Daily	1 day	190	190	32617	See Table
536	Lipase	Colorimetric	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	80	200	32313	73 - 393 U/L
537	Lipid Profile (Cholesterol, Triglycerides, HDL, LDL)	Enzymatic	1-2 mL Serum	2-8 °C	Daily	1 day	200	200	32004	See Report sheet
538	Lipoprotein (a)	Immunoturbidity	1-2 mL Serum	2-8 °C		7 days	150	250	32507	0 - 30 mg/dL
539	Lipoprotein Electrophoresis	Electrophoresis	1-2 mL Serum	2-8 °C		10 days	300	300	32005	See Report sheet
540	Lithium	Colorimetric	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	360	380	33110	0.6 - 1.2 mmol/L
541	Liver Function Tests (Total Protein, Albumin, Globulin, Bilirubin, SGOT, SGPT, Alk.phos)	Colorimetric & Kinetic	2-3 mL Serum	2-8 °C	Daily	1 day	290	290	32003	See Report sheet
542	Lung Flukes Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400			Negative
543	Lung Flukes Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400			Negative
544	Lupus Anticoagulant	Coagulation (APTT & dRVVT)	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Mon, Thur	4 days	410	110 + 300	30233 / 30234	See Report sheet
545	Magnesium (Mg), (Blood)	Colorimetric	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	50	50	32107	1.8 - 2.4 mg/dL

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546	Magnesium (Mg), (Random Urine)	Colorimetric	5-10 mL Urine	2-8 °C	Daily	1 day	50	50	32107	
547	Magnesium (Mg), (24 hr.Urine)	Colorimetric	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	60	60	34119	24 - 255 mg/24hr.
548	Malaria	Microscopic	2-3 mL EDTA blood	2-8 °C	Daily	1 day	50	50	31214	Not found
549	Manganese (Mn), (Blood)	AAS-GF	3-5 mL EDTA blood	2-8 °C		21 days	150	220	33517	N < 1 ug/dL ; E < 10 ug/dL
550	Manganese (Mn), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	150	220	33517	< 3 ug/g creatinine
551	Marijuana	ICG	5-10 mL Urine	2-8 °C	Daily	1 day	100	145	33705	Negative
552	MDR-TB, PCR	Real-Time PCR	ตรวจได้จากตัวอย่างที่ให้ผล Positive 1ข้อ MTB ด้วยวิธี Real-Time PCR	2-8 °C	Mon	10 days	2,400			See Report sheet
553	Measles Ab., IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36655	Negative
554	Measles Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	750			Negative (<1:10)
555	Measles Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	750			Negative (<1:4)
556	Measles Ab., IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36656	Negative
557	Measles Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	450			Negative (<1:10)
558	Measles Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	450			Negative (<1:4)
559	Measles Ab., IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	250 + 250	36655 / 36656	Negative
560	Measles Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,200			See Report sheet
561	Measles Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,200			See Report sheet
562	Melioides Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	120	200	36061	Negative (<1:200)
563	Melioides Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	150	200	36061	Negative (<1:200)

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564	Melioides Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	270	400	36061	See Report sheet
565	Mercury (Hg), (Blood)	DMA	3-5 mL EDTA blood	2-8 °C	Thur	7 days	150	380	33512	N < 2 ug/dL ; E < 4 ug/dL
566	Mercury (Hg), (Urine)	DMA	30-50 mL Urine	2-8 °C	Thur	7 days	150	380	33512	N < 35 ug/g creatinine
567	Metanephrine & Normetanephrine (24 hr.Urine)	EIA	5-10 mL of 24 hr.Urine ; record Total volume (ใช้ 6 N HCL 15 mL เป็น preservative)	2-8 °C	Tue, Fri	4 days	1,000	1,500	34108	See Report sheet
568	Methanol (Methyl alcohol), (Blood)	GC-Headspace	3-5 mL NaF blood	2-8 °C		10 days	220	270	33557	See Report sheet
569	Methanol (Methyl alcohol), (Urine)	GC-Headspace	30-50 mL Urine	2-8 °C		14 days	220	270	33557	0 - 15 mg/L
570	Methemoglobin	Spectro.	3-5 mL EDTA blood (ห้ามปั่นแยก)	Freeze		14 days	300			0 - 3 % of Total Hb
571	Methotrexate (MTX)	FPIA	1-2 mL Serum	2-8 °C		7 days	300			See Report sheet
572	Methyl Ethyl Ketone (MEK)	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	120			< 1 mg/L
573	Methyl Isobutyl Ketone (MIBK)	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	300			< 1 mg/L
574	MIC for Bacteria (ทดสอบยา 1 ชนิด)	E-test	เชื้อ Bacteria ที่เพาะได้ + ระบุชื่อเชื้อ และชื่อยาที่ต้องการทดสอบ	R.T.		7 days	150	150	35109	See Report sheet
575	MIC for Fungus (ทดสอบยาเป็นกลุ่ม)	Conventional	Colony ของเชื้อรากลุ่มที่เป็น Yeast เท่านั้น	R.T.		14 days	600	1,200	35115	See Report sheet
576	MIC Profile for Bacteria / Yeast by VITEK 2 (ทดสอบยาประมาณ 15 ชนิด)	VITEK 2 Automated	Colony ของเชื้อ bacteria ที่ต้องการทดสอบ	R.T.	Daily	3 days	800			See Report sheet
577	Microalbumin (24 hr.Urine)	Turbidimetric	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	270	270	34116	Less than 30 mg/24hr.
578	Microalbumin (CSF)	Turbidimetric	1-2 mL CSF	2-8 °C	Daily	1 day	400			
579	Microalbumin (Random urine)	Turbidimetric	5-10 mL Urine	2-8 °C	Daily	1 day	250	270	34116	
580	Microfilaria (Thick Film)	Microscopic	1 mL Blood in 9 mL of 2% Formalin	2-8 °C		10 days	190	190	31307	Negative
581	Microfilaria Ab.	Special Dye-test	1-2 mL Serum	2-8 °C		21 days	400	730	37268	Negative

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582	Microsporidium	Special Dye-test	Stool or Sputum in Sterile container	2-8 °C		14 days	120	120	35006	Negative
583	Modified AFB Stain (Stool)	Staining	1-2 gm Feces in Sterile container	2-8 °C		7 days	400			Negative
584	Modified Trichrome Stain (Stool)	Staining	Stool in Sterile container	2-8 °C		14 days	400			Negative
585	Morphine (Heroin, Opiate), (screening)	ICG	5-10 mL Urine	2-8 °C	Daily	1 day	100	100	33710	Negative
586	Mumps Ab., IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36650	Negative
587	Mumps Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:10)
588	Mumps Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
589	Mumps Ab., IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36684	Negative
590	Mumps Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:10)
591	Mumps Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
592	Mumps Ab., IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	250 + 250	36650 / 36684	Negative
593	Mumps Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
594	Mumps Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,800			See Report sheet
595	Mycobacterium tuberculosis and Mycobacterium spp., PCR (MTB / NTM Real-Time PCR)	Real-Time PCR	1-2 mL Aseptic fluid or 5 mL EDTA blood or 10 mL Urine or Sputum ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C	Tue, Thur, Sur	4 days	850	880	36018	Negative
596	Mycobacterium tuberculosis and Mycobacterium spp. (Tissue), PCR (MTB / NTM Real-Time PCR)	Real-Time PCR	Tissue biopsy in Sterile container (รับน้ำส่งโดยเร็ว)	2-8 °C	Tue, Thur, Sur	4 days	850	880	36018	Negative
597	Mycoplasma pneumonia Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36023	Negative (<1:10)

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598	Mycoplasma pneumonia Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	250	250	36023	Negative (<1:4)
599	Mycoplasma pneumonia Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36023	Negative (<1:100)
600	Mycoplasma pneumonia Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	250	250	36023	Negative (<1:4)
601	Mycoplasma pneumonia Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36023	See Report sheet
602	Mycoplasma pneumonia Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	500	500	36023	See Report sheet
603	Mycoplasma pneumoniae, PCR, Qualitative	Real-Time PCR	Sputum or Nasopharyngeal aspirate or Throat swab in Sterile container	2-8 °C		7 days	1,110	1,110	36046	Negative
604	Myoglobin (Blood)	CLIA	1-2 mL Serum	2-8 °C		5 days	300	300	32316	M 28 - 72 ng/mL F 25 - 58 ng/mL
605	Myositis Profile (Anti Mi-2, Anti KU, Anti PM-Scl-100, Anti PM-Scl-75, Anti Jo-1, Anti PL-7, Anti PL-12, Anti Ro52, Anti SRP, Anti-EJ, Anti-OJ)	Immunoblot	2-3 mL Serum	2-8 °C		14 days	3,500			Negative
606	N. meningitidis A,C,Y,W 135 Antigen	Agglutination	1-2 mL Serum or CSF	2-8 °C		3 days	250	250	36010	Negative
607	N. meningitidis B/ E.coli K1 Antigen	Agglutination	1-2 mL Serum or CSF	2-8 °C		3 days	250	250	36010	Negative
608	Neuromyelitis Optica (NMO)	Indirect IFA	2-3 mL Serum or 1-2 mL CSF	2-8 °C		21 days	1,500	1,000	37025	Negative
609	Neuron Specific Enolase (NSE)	ECLIA	1-2 mL Serum	2-8 °C		7 days	500	500	37313	0 - 15 ng/mL
610	Nickel (Ni), (Blood)	AAS-GF	2-3 mL Serum	2-8 °C		21 days	150	380	33513	N < 4 ug/L ; E < 10 ug/L
611	Nickel (Ni), (Urine)	AAS-GF	30-50 mL Urine	2-8 °C		21 days	300	380	33513	N < 5 ug/L ; E < 70 ug/L
612	Nocardia Culture	Conventional	Specimen in Sterile container	2-8 °C		14 days	800			No growth
613	Occult Blood (By Immunochromatographic)	ICG	1-2 gm Feces in Sterile container	2-8 °C		5 days	300			Negative

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614	o-Cresol (as Toluene, Thinner metabolite)	HPLC-DAD	20-30 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		14 days	600			0 - 0.3 mg/g creatinine
615	Oligoclonal Band	Iso. Focus. Elec./ IB	1-2 mL CSF + 1-2 mL Serum (นำส่งพร้อมกัน)	2-8 °C		14 days	900			See Report sheet
616	OPMD_Repeat Expansion	PCR & direct DNA sequencing	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งให้เก็บไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาเชิงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		45 days	3,900			See Report sheet
617	Organic Acids (Urine)	GC/MS	30-50 mL Urine	2-8 °C		30 days	2,500	2,500	37503	See Report sheet
618	Organophosphate (Gastric)	TLC	30-50 mL Gastric content	2-8 °C		21 days	100	120	33604	Negative
619	Organophosphate (Urine)	TLC	30-50 mL Urine	2-8 °C		21 days	100	120	33604	Negative
620	Osmolality (Serum)	FPD	1-2 mL Serum	2-8 °C	Daily	1 day	45	130	32101	282 - 300 mOsm/kg
621	Osmolality (Random Urine)	FPD	5-10 mL Urine	2-8 °C	Daily	1 day	45	120	34001	50 - 1200 mOsm/kg
622	Osmolality (24 hr.Urine)	FPD	5-10 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	45	120	34001	400 - 600 mOsm/kg
623	Osmotic Fragility (OF)	Hemolytic assay	2-3 mL EDTA blood	2-8 °C	Daily	1 day	60	60	30125	Negative
624	Osteocalcin	ECLIA	2-3 mL EDTA blood ; Fasting (ควรเจาะเลือดในช่วงเวลา 8.00-10.00 น.)	2-8 °C		7 days	250	250	32614	See Report sheet
625	P-1-NP (Procollagen Type-I N-Terminal-peptide)	ECLIA	2-3 mL EDTA blood ; Fasting (ควรเจาะเลือดในช่วงเวลา 8.00-10.00 น.)	2-8 °C		7 days	800			See Report sheet
626	Paracetamol (Acetaminophen), (Blood)	FPIA	1-2 mL Serum	2-8 °C		5 days	300	300	33107	Toxic > 250 ug/mL
627	Paracetamol (Acetaminophen), (Gastric)	FPIA	30-50 mL Gastric content	2-8 °C		7 days	300	300	33107	Negative
628	Paracetamol (Acetaminophen), (Urine)	FPIA	30-50 mL Urine	2-8 °C		7 days	300	300	33107	Negative
629	Paragonimiasis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400	1,120	36217	Negative

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630	Paragonimiasis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400	1,120	36217	Negative
631	Parainfluenza Virus Type 1,2,3, PCR, Qualitative	Real-Time PCR	Nasopharyngeal wash in VTM	2-8 °C		7 days	4,000			Undetectable
632	Paraneoplastic Screening	IFA / Immunoblot	5 mL Serum or EDTA plasma or Heparinized plasma or 1-2 mL CSF	2-8 °C	Wed	14 days	2,500			See Report sheet
633	Paraquat (Gramoxone), Qualitative	Screening	30-50 mL Gastric content	2-8 °C		14 days	200	200	33605	Negative
634	Paraquat (Gramoxone), Quantitative (Blood)	HPLC	3-5 mL EDTA blood	2-8 °C		14 days	200	250	33606	Negative
635	Paraquat (Gramoxone), Quantitative (Urine)	HPLC	30-50 mL Urine	2-8 °C		14 days	200	250	33606	Negative
636	Parasite Identification	Microscopic	Parasite in NSS / 70% Alcohol	R.T.		14 days	160	160	31218	See Report sheet
637	Parathyroid Hormone (PTH) - intact	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	180	210	32613	15 - 65 pg/mL
638	Partial Thromboplastin Time (PTT)	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Daily	1 day	85	85	30202	22.2 - 28.3 second
639	Parvovirus B19 Ab., IgG	EIA	1-2 mL Serum	2-8 °C		14 days	300	300	36682	Negative
640	Parvovirus B19 Ab., IgM	EIA	1-2 mL Serum	2-8 °C		14 days	300	300	36680	Negative
641	Parvovirus B19 Viral Load	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,600			See Report sheet
642	Parvovirus B19, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 1-2 mL Serum or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่งโดยเร็ว)	2-8 °C		7 days	1,300	1,300	36681	Undetectable
643	PCR for Abnormal Hemoglobin	PCR	3-5 mL EDTA blood (ระบุชนิดของ Abnormal Hb ที่ต้องการทดสอบด้วย)	2-8 °C		14 days	500			Negative
644	PCR for Alpha-thalassemia 1 gene 5 deletion	PCR	3-5 mL EDTA blood	2-8 °C		21 days	1,000	1,500	30404	Negative
645	Pemphigus Ab., (Interacellular Ab)	Indirect IFA	1-2 mL Serum	2-8 °C		14 days	800			Negative

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646	pH (Water)	WTM03	300 mL Water / Wastewater	2-8 °C		21 days	250			See Report sheet
647	Phenobarb II	CMIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	240	240	33102	15 - 40 ug/mL
648	Phosphorus (Blood)	Colorimetric	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	45	50	32109	2.5 - 4.9 mg/dL
649	Phosphorus (Random Urine)	Colorimetric	5-10 mL Urine	2-8 °C	Daily	1 day	45	50	32109	
650	Phosphorus (24 hr.Urine)	Colorimetric	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	45	60	34120	400 - 1300 mg/24hr.
651	Placental Growth Factor (PIGF)	ECLIA	2-3 mL Serum	2-8 °C		7 days	1,800			See Report sheet
652	Platelet Aggregation with ADP, collagen, adrenaline, ristocetin	Aggregometry	10 mL Citrated blood (ห้ามปั่นแยก, รีบนําส่งทันที ขณะรอส่งให้เก็บไว้ที่ อุณหภูมิห้อง ห้ามแช่เย็น ตรวจสอบได้ กรณีที่ค่า Platelet count มากกว่า 100,000 /cumm.) กรุณาติดต่อล่วงหน้าก่อนส่ง 2 วัน	R.T.		14 days	800	800	30226	See Report sheet
653	Platelet Antibody	Modified MAIPA	10 mL Clotted blood + 10 mL ACD blood + พร้อมแบบฟอร์มประวัติ กรุณาติดต่อล่วงหน้าก่อนส่ง 2 วัน	2-8 °C		14 days	4,000			See Report sheet
654	PML/RARA Fusion Gene by FISH	FISH	5-10 mL Heparinized blood or Bone marrow ; Sterile (รีบนําส่งโดยเร็ว) ^{#2} ส่งถึงบริษัท ก่อน วันหยุดราชการ 2 วัน	2-8 °C		14 days	4,000			See Report sheet
655	PML/RARA Fusion Gene by RT-PCR (bcr1 and bcr3)	Real-Time PCR	5-10 mL EDTA blood or Bone marrow ; Sterile (รีบนําส่งโดยเร็ว) ^{#2} ส่งถึงบริษัท ก่อน วันหยุดราชการ 2 วัน	2-8 °C		21 days	4,300			See Report sheet
656	Pneumocystis carinii (PCP) by IFA	IFA	BAL or Sputum in Sterile container	2-8 °C		10 days	300	300	36202	Negative
657	Pneumocystis carinii (PCP) by PCR	PCR	Sputum or BAL or Bronchial wash in Sterile container	2-8 °C		14 days	2,600			Negative

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658	Poliovirus, PCR / Culture	PCR	1-2 gm Feces in Sterile container + แบบฟอร์มประวัติ (เก็บตัวอย่างส่ง 2 ครั้ง ห่างกัน 24-48 ชม. นำส่งพร้อมกัน)	2-8 °C		21 days	1,300			See Report sheet
659	Porphobilinogen	Colorimetric	30-50 mL Urine (ควรเก็บใส่ในภาชนะทึบแสง)	2-8 °C		14 days	350			< 22.02 ug/mL
660	Prader-Willi / Angelman Syndrome by FISH	FISH	5-10 mL Heparinized blood ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	2-8 °C		14 days	7,200			See Report sheet
661	Prealbumin	Nephelometry	1-2 mL Serum	2-8 °C		7 days	300	300	32408	20 - 40 mg/dL
662	Pregnancy Test	ICG	5-10 mL Urine	2-8 °C	Daily	1 day	70	70	31101	Negative
663	Pro-BNP	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	1,050	1,300	32407	See Report sheet
664	Procalcitonin	TRACE	1-2 mL Serum	2-8 °C	Daily	1 day	500	600	32405	< 0.06 ug/L
665	Progesterone	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	250	250	32619	See Report sheet
666	Prograf level (Tacrolimus)	CLIA	3-5 mL EDTA blood	2-8 °C		5 days	1,000	1,000	33203	See Report sheet
667	Prolactin	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	150	300	32622	See Report sheet
668	Protein Electrophoresis (Blood)	Electrophoresis	1-2 mL Serum	2-8 °C	Mon to Fri	3 days	285	350	32006	See Report sheet
669	Protein Electrophoresis (Urine)	Electrophoresis	30-50 mL Urine	2-8 °C		21 days	285			See Report sheet
670	Protein C activity	Chromogenic	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Mon, Thur	4 days	720	720	30227	70 - 140 %
671	Protein S activity	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Mon, Thur	4 days	750	840	30228	See Report sheet
672	Prothrombin 20210 Gene Mutation	PCR	6-10 mL EDTA blood	2-8 °C		30 days	1,100	1,100	30237	Negative
673	Prothrombin Time (PT)	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Daily	1 day	75	75	30201	10.2 - 12.6 second
674	PSA, Free	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	400	400	37311	See Report sheet

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675	PSA, Total	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	230	300	37310	0 - 4 ng/mL
676	PSA Ratio (Free PSA / Total PSA)	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	700	400 + 300	37311 / 37310	See Report sheet
677	PT (Mixing)	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		5 days	300			See Report sheet
678	PTT (Mixing)	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		5 days	300			See Report sheet
679	Quad Markers (AFP, uE3, Free B-hCG, Inhibin-A)	TRACE	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C	Wed, Sun	5 days	1,600			See Report sheet
680	Quad Markers for Twin pregnant (AFP, uE3, Free B-hCG, Inhibin-A)	EIA	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C		14 days	2,300			See Report sheet
681	QuantiFeron	EIA	กรุณาติดต่อล่วงหน้าก่อนส่ง อย่างน้อย 3 วัน			21 days	3,500	2,300	35250	See Report sheet
682	Rabies Ab.	RFFIT	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C		30 days	300	300	36640	See Report sheet
683	Rabies Virus, PCR, Qualitative (ราคาต่อ 1 ชนิดตัวอย่าง)	Nested-PCR	Brain Tissue or Saliva or CSF or Urine (ต้องส่งสิ่งส่งตรวจ อย่างน้อย 2 ชนิดตัวอย่าง) + พร้อม แบบฟอร์มประวัติ	2-8 °C		14 days	1,500	1,500	36642	Negative
684	Renin (Plasma Renin Activity)	EIA	2-3 mL EDTA plasma (รับน้ำส่งโดยเร็ว ขณะรอส่งให้เก็บ ที่ช่อง Freeze)	Freeze	Mon, Thur	4 days	760	800	32605	See Report sheet
685	Respiratory Syncytial Virus Type A (RSV Type A), PCR	Real-Time PCR	Nasopharyngeal wash in VTM	2-8 °C		7 days	1,000			Undetectable
686	Respiratory Syncytial Virus Type B (RSV Type B), PCR	Real-Time PCR	Nasopharyngeal wash in VTM	2-8 °C		7 days	1,000			Undetectable
687	Respiratory Virus 18 Types	Microarray	Nasopharyngeal wash in VTM	2-8 °C		5 days	4,000			See Report sheet
688	Respiratory Virus Antigen by IFA	IFA	Nasopharyngeal wash in VTM	2-8 °C		7 days	350	350	36541	Negative
689	Reticulocyte Count	New methylene blue	2-3 mL EDTA blood	2-8 °C	Daily	1 day	35	40	30103	0.5 - 1.5 %

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690	Rh Typing	Agglutination	2-3 mL EDTA blood	2-8 °C	Daily	1 day	50	50	22108	Positive
691	Rheumatoid Factor, Quantitative	Nephelometry	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	100	200	37002	0 - 15.9 IU/mL
692	Rota Virus Antigen	ICG	1-2 gm Feces in Sterile container	2-8 °C		5 days	200	200	36570	Negative
693	RSV Ab., IgG, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	36540	Negative (<1:100)
694	RSV Ab., IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	300	300	36540	Negative (<1:10)
695	RSV Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	600	600	36540	See Report sheet
696	Rubella Ab., IgG, Quantitative (Blood)	ECLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	200	200	36660	Less than 10 IU/mL
697	Rubella Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	400			Negative (<1:10)
698	Rubella Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
699	Rubella Ab., IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	200	300	36661	Negative
700	Rubella Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	400			Negative (<1:10)
701	Rubella Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
702	Rubella Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	800			See Report sheet
703	Rubella Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,800			See Report sheet
704	S. pneumoniae Antigen	Agglutination	1-2 mL CSF	2-8 °C		3 days	250	250	36008	Negative
705	SCA Type 1,2,3_Expansion	PCR	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		60 days	2,500	2,500	37529	See Report sheet
706	Schistosomiasis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	700			Negative

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707	Schistosomiasis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	700			Negative
708	Screening for Basic Drugs and Drug Abuse (Blood)	LC/MS/MS	2-3 mL Serum	2-8 °C		21 days	3,700			Not detected
709	Screening for Basic Drugs and Drug Abuse (Urine)	LC/MS/MS	30-50 mL Urine	2-8 °C		21 days	3,700			Not detected
710	Screening for Drugs and Pesticide (Gastric)	LC/MS/MS	30-50 mL Gastric content	2-8 °C		21 days	3,000			Not detected
711	Scrub & Murine Typhus Ab., IgG & IgM, titer	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	200 + 200	36053 / 36740	See Report sheet
712	Selenium (Se), (Blood)	AAS	1-2 mL Serum	2-8 °C		30 days	500			46 - 143 ug/L
713	Serum Iron	Colorimetric	1-2 mL Serum or Heparinized plasma	2-8 °C	Daily	1 day	40	100	30304	M 65 - 175 ug/dL F 50 - 170 ug/dL
714	Serum TIBC	Colorimetric	1-2 mL Serum	2-8 °C	Daily	1 day	35	80	30305	TIBC 250 - 450 ug/dL
715	Serum Iron & TIBC	Colorimetric	1-2 mL Serum	2-8 °C	Daily	1 day	75	100 + 80	30304 / 30305	See Report sheet
716	Sex Hormone Binding Globulin (SHBG)	CLIA	1-2 mL Serum	2-8 °C	Tue, Fri	4 days	1,000			See Report sheet
717	SGOT (AST)	Kinetic	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	40	40	32310	15 - 37 U/L
718	SGPT (ALT)	Kinetic	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	40	40	32311	M 16 - 63 U/L F 14 - 59 U/L
719	Sirolimus (Rapamune, RAPA, Rapamycin)	MEIA	3-5 mL EDTA blood	2-8 °C		7 days	1,000	1,000	33204	See Report sheet
720	Solids, Suspended (Water)	WTM01	300 mL Water / Wastewater	2-8 °C		21 days	300			See Report sheet
721	Specific IgE to Alternaria alternata (m6)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
722	Specific IgE to American cockroach (Ri206)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
723	Specific IgE to Aspergillus fumigatus (m3)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
724	Specific IgE to Bermuda grass (g2)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet

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725	Specific IgE to Beta-lactoglobulin, Milk (f77)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
726	Specific IgE to Casein, Milk (f78)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
727	Specific IgE to Cat epithelium and dander (e1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
728	Specific IgE to Cladosporium herbarum (m2)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
729	Specific IgE to Codfish (f3)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
730	Specific IgE to Common wasp (Yellow jacket) (i3)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
731	Specific IgE to Cow's milk (f2)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
732	Specific IgE to Cow's whey (f236)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
733	Specific IgE to Crab (f23)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
734	Specific IgE to D.farinae (d2)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
735	Specific IgE to D.pteronysinus (d1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
736	Specific IgE to Dog dander (e5)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
737	Specific IgE to Egg white (f1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
738	Specific IgE to Egg yolk (f75)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
739	Specific IgE to Fire ant (i70)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
740	Specific IgE to Food mixes (Egg white, Cow's milk, Codfish, Wheat, Peanut, Soya bean) (fx5)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
741	Specific IgE to German cockroach (i6)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
742	Specific IgE to Goose feathers, Chicken feathers, Duck feathers, Parrot feathers (ex73)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,500			See Report sheet

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743	Specific IgE to Guinea pig epithelium, Rabbit epithelium, Hamster epithelium, Rat, Mouse (ex70)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,500			See Report sheet
744	Specific IgE to Honey bee (i1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
745	Specific IgE to Johnson grass (g10)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
746	Specific IgE to Latex (k82)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
747	Specific IgE to Mixes grass pollens (Bermuda grass, Rye grass, Timothy grass, Meadow grass, Johnson grass, Bahia grass) (gx2)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
748	Specific IgE to Mixes mold (Penicillium, Cladosporium, Aspergillus, Candida, Alternaria, Helminthosporium) (mx2)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,300			See Report sheet
749	Specific IgE to Mosquito (i71)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
750	Specific IgE to Omega-5 Gliadin, Wheat (f416)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
751	Specific IgE to Ovomuroid (f233)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
752	Specific IgE to Paper wasp (i4)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
753	Specific IgE to Peanut (f13)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
754	Specific IgE to Penicillium notatum (m1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
755	Specific IgE to Penicilloyl G (c1)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
756	Specific IgE to Phadiatop	FEIA	1-2 mL Serum	2-8 °C		14 days	800			See Report sheet
757	Specific IgE to Phadiatop infant	FEIA	1-2 mL Serum	2-8 °C		14 days	800			See Report sheet
758	Specific IgE to Pork (f26)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
759	Specific IgE to Pork, Beef, Chicken (fx73)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,700			See Report sheet

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760	Specific IgE to rApi m1 phospholipase A2 from Honey bee (i208)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
761	Specific IgE to rVesV5 (recombinant protein Antigen 5, Common wasp) (i209)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
762	Specific IgE to Seafood (Codfish, Shrimp, Blue mussel, Tuna, Salmon) (fx2)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,200			See Report sheet
763	Specific IgE to Shrimp (f24)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
764	Specific IgE to Soya bean (f14)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
765	Specific IgE to Squid (f258)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
766	Specific IgE to Wheat (f4)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
767	Specific IgE to Wheat, Rye, Braley, Rice (fx20)	FEIA	1-2 mL Serum	2-8 °C		14 days	1,700			See Report sheet
768	Specific IgE to White-faced hornet (i2)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
769	Specific IgE to Yeast (f45)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
770	Specific IgE to Yellow hornet (i5)	FEIA	1-2 mL Serum	2-8 °C		14 days	450	450	37355	See Report sheet
771	Spinal Muscular Atrophy (SMA)	PCR	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งให้เก็บไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		45 days	1,500	1,500	37513	See Report sheet
772	Spinocerebellar Ataxia (SCA) Panel	PCR & Gene sequence	10 mL EDTA blood (ห้ามปั่นแยก ขณะรอส่งให้เก็บไว้ที่อุณหภูมิห้อง ห้ามแช่เย็น) + พร้อมแบบฟอร์มประวัติ ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	R.T.		30 days	6,000			See Report sheet
773	Squamous Cell Carcinoma (SCC)	MEIA	1-2 mL Serum	2-8 °C		7 days	800			0 - 2.5 ng/mL
774	Standard Plate Count (Water)	Pour Plate	300 mL Water / Wastewater	2-8 °C		21 days	400			See Report sheet

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775	Stone Analysis	Chemistry	Total calculi	R.T.	Fri	7 days	560	560	31511	See Report sheet
776	Stool Examination (by Concentration Technique)	Formalin-ether	1-2 gm Feces in Sterile container	2-8 °C	Daily	2 days	100	160	31219	Not found
777	Streptococcus group B Antigen	Agglutination	1-2 mL CSF	2-8 °C		3 days	250	250	36009	Negative
778	Strongyloidiasis Ab., (Blood)	EIA	1-2 mL Serum	2-8 °C		21 days	400			Negative
779	Strongyloidiasis Ab., (CSF)	EIA	1-2 mL CSF	2-8 °C		21 days	400			Negative
780	Styrene (Mandelic acid)	HPLC	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		14 days	500			0 - 800 mg/g creatinine
781	T3, Total	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	90	150	32611	60 - 181 ng/dL
782	T3 (Dog)	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	150			75 - 200 ng/dL
783	T4, Total	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	80			3.2 - 12.6 ug/dL
784	T4 (Dog)	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	150			1 - 4 ug/dL (Adult)
785	TB-DNA, PCR, Qualitative (Cell Block)	PCR	Parafilm Embedded Block	R.T.		21 days	2,500			Negative
786	Testosterone	CLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	190	190	32620	See Report sheet
787	Theophylline (Aminophylline)	FPIA	1-2 mL Serum	2-8 °C		3 days	300	300	33301	8 - 20 ug/mL
788	Thrombin Time (TT)	Coagulation	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze	Daily	1 day	80	80	30203	11.6 - 15.6 second
789	Thyroglobulin level	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	330	400	32630	3.5 - 77.0 ng/mL
790	Thyroid Function Tests (T3, T4, Free T4, TSH)	CLIA	2-3 mL Serum	2-8 °C	Daily	1 day	600			See Report sheet
791	Thyroxine Binding Globulin (TBG)	RIA	2-3 mL Serum	2-8 °C		21 days	12,000			11 - 27 ug/mL
792	Topiramate	GC/MS	1-2 mL Serum or NaF plasma	2-8 °C		14 days	2,500			See Report sheet
793	TORCH , IgM, titer (Blood)	IFA	2-3 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	2,000			See Report sheet
794	TORCH , IgM, titer (CSF)	IFA	2-3 mL CSF	2-8 °C	Daily	2 days	4,000			See Report sheet

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795	Total Protein (Blood)	Colorimetric	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	60	60	34301	6.4 - 8.2 g/dL
796	Total Protein (CSF)	Colorimetric	1-2 mL CSF	2-8 °C	Daily	1 day	70			15 - 45 mg/dL
797	Total Protein (Random Urine)	Colorimetric	10-20 mL Urine	2-8 °C	Daily	1 day	40	40	34103	Less than 11.9 mg/dL
798	Total Protein (24 hr.Urine)	Colorimetric	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	50	50	34104	Less than 149.1 mg/24hr.
799	Toxocara canis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400			Negative
800	Toxocara canis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400			Negative
801	Toxoplasma gondii Ab., IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36103	Negative
802	Toxoplasma gondii Ab., IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:16)
803	Toxoplasma gondii Ab., IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
804	Toxoplasma gondii Ab., IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	250	36103	Negative
805	Toxoplasma gondii Ab., IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,000			Negative (<1:10)
806	Toxoplasma gondii Ab., IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,000			Negative (<1:4)
807	Toxoplasma gondii Ab., IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	500	36103	Negative
808	Toxoplasma gondii Ab., IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,800			See Report sheet
809	Toxoplasma gondii Ab., IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,800			See Report sheet
810	Toxoplasma gondii, PCR, Qualitative	Real-Time PCR	5 mL EDTA blood or 10 mL Urine / Body fluid or 2 mL CSF ; Sterile (รับน้ำส่ง โดยเร็ว)	2-8 °C		7 days	2,000			Undetectable

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811	TPHA, Qualitative (Blood)	PHA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	100	100	36006	Non-reactive
812	TPHA, Qualitative (CSF)	PHA	1-2 mL CSF	2-8 °C		7 days	100	100	36006	Non-reactive
813	Transferrin level	Nephelometry	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	250	250	30307	200 - 360 mg/dL
814	Treponemal Ab., by CMIA	CMIA	1-2 mL Serum	2-8 °C		7 days	300			Non-reactive
815	Trichinellosis Ab., (Blood)	Immunoblot	1-2 mL Serum	2-8 °C		21 days	400	1,730	36215	Negative
816	Trichinellosis Ab., (CSF)	Immunoblot	1-2 mL CSF	2-8 °C		21 days	400	1,730	36215	Negative
817	Trichloroacetic Acid (Trichloro- ethylene metabolite)	GC-Headspace	30-50 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	500			See Report sheet
818	Trichrome for Acanthamoeba	Microscopic	Pus in Sterile container (รับน้ำส่งโดยเร็ว)	R.T.		14 days	250	250	31224	Negative
819	Triglycerides	Enzymatic	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	60	60	32502	Less than 150 mg/dL
820	Triple Markers (AFP, uE3, B-hCG)	CLIA	1-2 mL Serum + แบบฟอร์มประวัติ	2-8 °C	Mon, Wed, Fr	3 days	1,500			See Report sheet
821	Trisomy 21 by FISH	FISH	5-10 mL Heparinized blood or Bone marrow or 20-30 mL Amniotic fluid ; Sterile (รับน้ำส่งโดยเร็ว) ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	2-8 °C		14 days	3,700			See Report sheet
822	Troponin I	CMIA	1-2 mL Serum	2-8 °C		3 days	260	260	32307	M 0 - 34.2 ng/L F 0 - 15.6 ng/L
823	Troponin T	ECLIA	1-2 mL Serum	2-8 °C		3 days	260	260	32307	0 - 100 ng/L
824	Tryptase	EIA	1-2 mL Serum	2-8 °C		14 days	1,000	1,000	37113	1.9 - 13.5 ng/mL
825	TSH	CLIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	1 day	90	170	32608	0.55 - 4.78 uIU/mL
826	TSH (Dog)	CLIA	1-2 mL Serum	2-8 °C	Daily	1 day	200			
827	TSH Receptor Antibody	ECLIA	2-3 mL Serum	2-8 °C	Tue	7 days	800	400	37030	0 - 1.75 IU/L

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828	Urea (Random Urine)	Enzymatic & Calculation	5-10 mL Urine	2-8 °C	Daily	1 day	80			
829	Urea (24 hr.Urine)	Enzymatic & Calculation	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	80			15000 - 34200 mg/24hr.
830	Urea Nitrogen (Random Urine)	Enzymatic	5-10 mL Urine	2-8 °C	Daily	1 day	100			
831	Urea Nitrogen (24 hr.Urine)	Enzymatic	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	100			7000 - 20000 mg/24hr.
832	Uric Acid (Blood)	Uricase	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma	2-8 °C	Daily	1 day	60	60	32205	M 3.5 - 7.2 mg/dL ; F 2.6 - 6.2 mg/dL
833	Uric Acid (Random Urine)	Uricase	10-20 mL Urine	2-8 °C	Daily	1 day	100			
834	Uric Acid (24 hr.Urine)	Uricase	10-20 mL of 24 hr.Urine ; record Total volume	2-8 °C	Daily	1 day	100			150 - 990 mg/24hr.
835	Urine Examination	Microscopic	10-20 mL Urine	2-8 °C	Daily	1 day	60	60	31001	See Report sheet
836	Urine HPV Test	DNA amplification & Flow through Hybridization	50 mL Urine in CellPrep bottle (ควรเก็บปัสสาวะช่วงแรก และเป็น First morning Urine)	2-8 °C		14 days	1,500			Undetectable
837	Uroporphyrin	Spectro.	100 mL of 24 hr.Urine (ใช้ผงโซเดียมคาร์บอเนตเป็น preservative)	2-8 °C		14 days	500			0 - 50 ug/day
838	Vancomycin	FPIA	1-2 mL Serum	2-8 °C		7 days	300	300	33005	See Report sheet
839	VCFS / DiGeorge / CATCH 22 by Chromosome and FISH	Karyotyping and FISH	5-10 mL Heparinized blood ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	2-8 °C		21 days	6,500			See Report sheet
840	VCFS / DiGeorge / CATCH 22 by FISH	FISH	5-10 mL Heparinized blood ; Sterile (รับนำส่งโดยเร็ว) ^{#2} ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	2-8 °C		14 days	4,300			See Report sheet
841	VDRL (CSF)	Flocculation	1-2 mL CSF	2-8 °C		7 days	50	50	36003	Non-reactive
842	VDRL / RPR (Serum)	Flocculation	1-2 mL Serum	2-8 °C	Daily	1 day	50	50	36003	Non-reactive

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843	Viral Meningitis 7 strains, PCR	Real-Time PCR	1-2 mL CSF or Aseptic fluid ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C	Thur	7 days	2,000			Negative
844	Viral Meningitis 12 strains, PCR	Real-Time PCR	1-2 mL CSF or Aseptic fluid ; Sterile (รีบนําส่งโดยเร็ว)	2-8 °C	Thur	7 days	3,500			Negative
845	Vitamin A (Retinol)	HPLC	1-2 mL Serum (เก็บในภาชนะ ทึบแสง ห้ามใช้ Gel tube)	2-8 °C		10 days	500	1,000	32409	See Report sheet
846	Vitamin B1 (alpha ETK)	Enzymatic	5 mL Heparinized blood	2-8 °C		21 days	600			< 1.25
847	Vitamin B1 (Thiamine) by HPLC	HPLC	3-5 mL EDTA blood (เก็บในภาชนะทึบแสง ห้ามปั่นแยก)	2-8 °C		10 days	150	150	32410	> 49 ug/L
848	Vitamin B2 (alpha EGR)	Enzymatic	5 mL Heparinized blood	2-8 °C		21 days	600			< 1.5
849	Vitamin B2 (Riboflavin) by HPLC	HPLC	3-5 mL EDTA blood (เก็บในภาชนะทึบแสง ห้ามปั่นแยก)	2-8 °C		10 days	550	550	32416	180 - 295 ug/L
850	Vitamin B6 (alpha EAST)	Enzymatic	5 mL Heparinized blood	2-8 °C		21 days	600			< 2.2
851	Vitamin B6 (Pyridoxal) by HPLC	HPLC	3-5 mL EDTA blood (เก็บในภาชนะทึบแสง ห้ามปั่นแยก)	2-8 °C		10 days	550	550	32417	8.7 - 27.2 ug/L
852	Vitamin B12	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma (เก็บในภาชนะทึบแสง)	2-8 °C	Daily	1 day	240	240	32411	197 - 771 pg/mL
853	Vitamin C	HPLC	1-2 mL Serum (เก็บในภาชนะทึบแสง)	2-8 °C		10 days	300	300	32412	2 - 14 mg/L
854	Vitamin D (25-OH), Total	ECLIA	1-2 mL Serum or EDTA plasma or Lithium Heparinized plasma (เก็บในภาชนะทึบแสง)	2-8 °C	Daily	1 day	500	900	32418	> 30 ng/mL
855	Vitamin D2/D3 (25-OH Vitamin D2/D3) by HPLC	HPLC	1-2 mL Serum (เก็บในภาชนะทึบแสง)	2-8 °C		10 days	3,200			See Report sheet
856	Vitamin E (Tocopherol) by HPLC	HPLC	1-2 mL Serum (เก็บในภาชนะ ทึบแสง ห้ามใช้ Gel tube)	2-8 °C		10 days	500	1,000	32413	See Report sheet
857	VMA (24 hr.Urine)	Chemistry	10-20 mL of 24 hr.Urine ; record Total volume (ใช้ 6 N HCL 15 mL เป็นสาร preservative)	2-8 °C	Mon, Wed, Fr	3 days	300	300	34105	See Report sheet

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858	Von Willebrand Factor (Antigen)	EIA	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		14 days	400	400	30209	50 - 150 %
859	Von Willebrand Factor (Collagen binding activity)	EIA	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		14 days	550			50 - 150 %
860	Von Willebrand Factor (Ristocetin cofactor activity)	EIA	2-3 mL Citrated plasma (ขณะรอส่งให้เก็บที่ช่อง Freeze)	Freeze		14 days	250	250	30211	50 - 150 %
861	Voriconazole level	LC-MS/MS	1-2 mL Serum or NaF plasma	2-8 °C		14 days	2,000			See Report sheet
862	VZV Ab., (Herpes zoster), IgG, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36420	Negative
863	VZV Ab., (Herpes zoster), IgG, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	750			Negative (<1:10)
864	VZV Ab., (Herpes zoster), IgG, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	750			Negative (<1:4)
865	VZV Ab., (Herpes zoster), IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	250	300	36420	Negative
866	VZV Ab., (Herpes zoster), IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	750			Negative (<1:10)
867	VZV Ab., (Herpes zoster), IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	750			Negative (<1:4)
868	VZV Ab., (Herpes zoster), IgG & IgM, Qualitative (Blood)	EIA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	500	600	36420	Negative
869	VZV Ab., (Herpes zoster), IgG & IgM, titer (Blood)	IFA	1-2 mL Serum or EDTA plasma or Heparinized plasma	2-8 °C	Daily	2 days	1,500			See Report sheet
870	VZV Ab., (Herpes zoster), IgG & IgM, titer (CSF)	IFA	1-2 mL CSF	2-8 °C	Daily	2 days	1,500			See Report sheet
871	VZV-DNA, PCR, Qualitative	Real-Time PCR	1-2 mL CSF or Aseptic fluid ; Sterile (รับนำส่งโดยเร็ว)	2-8 °C	Thur	7 days	1,500	1,500	36421	Negative
872	Warfarin (Coumadin, Orfarin) level	HPLC-DAD	1-2 mL Serum	2-8 °C		7 days	100			See Report sheet
873	Weil-Felix Reaction	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	100			See Report sheet
874	Widal Test	Agglutination	1-2 mL Serum	2-8 °C	Daily	1 day	100			See Report sheet

ITEM	TEST NAME	METHODOLOGY	PREFERED SPECIMEN	STORAGE	SCHEDULE	T A T.	PRICE	ราคา คบก 1 คย. 2561	รหัส คบก 1 คย. 2561	REFERENCE
875	Williams Syndrome by FISH	FISH	5-10 mL Heparinized blood ; Sterile (รีบน้ำส่งโดยเร็ว) ^{#2} ส่งมาถึงบริษัท ก่อนวันหยุด ราชการ 2 วัน	2-8 °C		14 days	4,300			See Report sheet
876	Xylene (Methyl Hippuric Acid)	HPLC	20-30 mL Urine (ควรเก็บปัสสาวะหลังเลิกงาน)	2-8 °C		21 days	200			0 - 1.5 g/g creatinine
877	Zika Virus Ab., IgG	ELISA	1-2 mL Serum	2-8 °C		14 days	1,000			See Report sheet
878	Zika Virus Ab., IgM	ELISA	1-2 mL Serum	2-8 °C		14 days	1,000			Negative
879	Zika Virus, PCR (Blood)	Real-Time PCR	3-5 mL EDTA blood	2-8 °C		5 days	2,000			Undetectable
880	Zika Virus, PCR (Specified)	Real-Time PCR	20-30 mL Urine or Sputum or Nasopharyngeal wash in VTM	2-8 °C		5 days	2,000			Undetectable
881	Zinc (Zn), (Blood)	AAS-F	2-3 mL Serum	2-8 °C		21 days	150	220	32108	N 50 - 170 ug/dL E < 600 ug/dL
882	Zinc (Zn), (Urine)	AAS-F	30-50 mL Urine	2-8 °C		21 days	220	220	32108	< 0.9 mg/g creatinine
883	Zinc Phosphide	Colorimetric	30-50 mL Gastric content	2-8 °C		14 days	100	100	33607	Negative
884	Zinc Protoporphyrin (ZPP)	Hematofluorometry	3-5 mL EDTA blood	2-8 °C		7 days	300			17 - 77 ug/dL