



کمنتريں کصیحتن
KEMENTERIAN KESIHATAN
MINISTRY OF HEALTH

SKIM CAJ PERKHIDMATAN

JABATAN PERKHIDMATAN MAKMAL



Edisi 2

Tarikh dikeluarkan
1 Februari 2023

Kementerian Kesihatan telah merebiu dan mengemaskini caj-caj bayaran perkhidmatan bagi Jabatan Perkhidmatan Makmal dan telah mula berkuatkuasa pada 1 Disember 2022 sepertimana yang dimaklumkan di dalam Memorandum Kementerian Kesihatan dengan rujukan KK/JDP/KK/10/1 (Pt 4) bertarikh 7 Jamadilakhir 1444H bersamaan 1 Disember 2022.

Dengan yang demikian, bermula tarikh tersebut, Jadual C, sebahagian Jadual Q (yang berkaitan dengan autopsi atau bedah siasat dan embalming), dan mana-mana bahagian yang berkaitan dengan ujian-ujian atau perkhidmatan-perkhidmatan makmal di dalam Skim Pembayaran Kementerian Kesihatan 1998 adalah dibatalkan dan tidak lagi digunakan malah digantikan dengan caj baharu sepertimana yang dijadualkan di dalam buku ini.

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**SKIM CAJ PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
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DEFINISI

BDC	Blood Donation Centre
CSRA	Central Specimen Reception Area
NBTRL	National Blood Transfusion Reference Laboratory
NCCRL	National Clinical Chemistry Reference Laboratory
NCMRL	National Clinical Microbiology Reference Laboratory
NHCRLM	National Histology and Cytology Reference Laboratory & Mortuary Services
NHRL	National Haematology Reference Laboratory
NIRL	National Immunology Reference Laboratory
NMRL	National Mycobacteria Reference Laboratory
NVRL	National Virology Reference Laboratory
POCT	Point-Of-Care Test

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

HUBUNGI KAMI

Alamat : Jabatan Perkhidmatan Makmal,
Hospital Raja Isteri Pengiran Anak Saleha,
Jalan Putera Al-Muhtadee Billah,
Bandar Seri Begawan, BA 1710,
Negara Brunei Darussalam.

Telefon : 2242424 samb. 6313

Emel : laboratory@moh.gov.bn

Makmal / Bahagian	Makmal HSSB	Makmal HPMMPMHAMB	Makmal HPIHM
Telefon	3335331 / 3335961	4221010 / 4221011	5221526 / 5221527
Flebotomi	4055	219	125
Hematologi	4114	226	123 / 211
Pemindahan Darah	4113		
Tabung Darah	4100		
Kimia Klinikal	4128	224	
Mikrobiologi	4116	225	

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1. PUSAT PENERIMAAN SPESIMEN (CSRA) & FLEBOTOMI

Tel: 2242424 samb. 6025

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
1	Prosedur Flebotomi	Tiada kod ujian	\$ 5.00	-

Nota: Caj bagi Prosedur Flebotomi hanya dikenakan kepada pesakit-pesakit berbayar (*paying patients*) yang datang ke tempat-tempat pengambilan darah bagi prosedur tersebut, termasuk pesakit-pesakit yang dirujuk dari klinik atau hospital swasta.

Harga bagi perkhidmatan ini akan dikenakan sepenuhnya bagi semua pesakit berbayar dan tidak ada yang terkecuali dari pembayaran, termasuk penderma darah.

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2. HEMATOLOGI (NHRL)

Tel: 2242424 samb. 6701 / 6043

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
2	Activated Partial Thromboplastin Time (APTT)	APTT	\$ 15.00	
3	Activated Partial Thromboplastin Time 50% Correction	APTT50C	\$ 15.00	
4	Anti-Thrombin	ANTITHROMB	\$ 30.00	
5	Anti-Xa	LMWHEP	\$ 30.00	
6	Bone Marrow Aspiration & Examination	BMA	\$ 190.00	
7	D-Dimer	DDIMER	\$ 35.00	
8	Erythrocyte Sedimentation Rate (ESR)	ESR	\$ 10.00	
9	Factor IX	FAIX	\$ 30.00	
10	Factor VIII	FAVIII	\$ 35.00	
11	Fibrinogen Level	FIBRIN	\$ 20.00	
12	Full Blood Count (FBC)	FBCONLY	\$ 15.00	
13	Full Blood Count (FBC)/Differential Count (Includes Blood Film)	FBC	\$ 20.00	
14	Haemoglobin Electrophoresis (Thalassaemia screen) (Include FBC)	HBELECT	\$ 80.00	
15	Haemosiderin, Urine	HAEMOSI	\$ 20.00	
16	Kleihauer Test	KLEIHAUER	\$ 65.00	
17	Lupus Anticoagulant	LUPUSAS	\$ 35.00	
18	Malarial Parasite (MP)	MALARIA	\$ 35.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
19	Osmotic Fragility	OSMOFRA	\$ 90.00	
20	Peripheral Blood Film	PBF	\$ 35.00	
21	Platelets Function Test	PFA	\$ 145.00	
22	Protein C	PROTEINC	\$ 45.00	
23	Protein S	PROTEINS	\$ 60.00	
24	Prothrombin Time (PT) 50% Correction	PT50C	\$ 20.00	
25	Prothrombin Time (PT/INR)	PTINR	\$ 20.00	
26	Reticulocytes Count	RETAUTO	\$ 10.00	
27	Sickling Test	SICKLING	\$ 75.00	
28	Thrombin Time (TT)	TT	\$ 25.00	
29	Ristocetin Co Factor (vWF Activity)	RICOF	\$ 75.00	
30	vWF Antigen	VWFA	\$ 40.00	

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3. HISTOLOGI, SAITOLOGI & MORTUARI (NHCRLM)

Nota: Jumlah caj bayaran perkhidmatan bagi Makmal Histologi dan Makmal Saitologi akan tertakluk kepada proses keseluruhan makmal yang dijalankan ke atas contoh-contoh yang diterima dan sekiranya ada ujian-ujian atau proses *staining* tambahan yang perlu dilaksanakan ke atas contoh-contoh berkenaan.

3.1 Histologi

Tel: 2242424 samb. 3019 / 6712

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
31	Frozen Section	Appendix 1 - NHCRLM	\$ 320.00	
32	Bone Marrow Trepine Biopsy Panel	Appendix 1 - NHCRLM	\$ 115.00	Lihat Immuno- histochemical Panels
33	Immunofluorescence Kidney Biopsy	IFKIDNEY	\$ 240.00	
34	Immunofluorescence Skin Biopsy	IFSKIN	\$ 205.00	
35	Immunohistochemical Panel, Breast	Appendix 1 - NHCRLM	\$ 280.00	
36	Immunohistochemical Panel, Liver	Appendix 1 - NHCRLM	\$ 250.00	
37	Immunohistochemical Panel, Lymphoma	Appendix 1 - NHCRLM	\$ 535.00	
38	Immunohistochemical Panel, Renal Biopsy	Appendix 1 - NHCRLM	\$ 345.00	
39	Immunohistochemical Panel, Skin Biopsy	Appendix 1 - NHCRLM	\$ 295.00	
40	Routine Histology - Large Specimen	Appendix 1 - NHCRLM	\$ 215.00	
41	Routine Histology - Medium Specimen	Appendix 1 - NHCRLM	\$ 170.00	
42	Routine Histology (1-5 Specimens) - Small Biopsies	Appendix 1 - NHCRLM	\$ 110.00	
43	Routine Histology (6-or more Specimens) - Small Biopsies	Appendix 1 - NHCRLM	\$ 140.00	
44	Immunohistochemistry (1-3 IHC Tests)	Appendix 1 - NHCRLM	\$ 200.00	
45	Immunohistochemistry (1-6 IHC Tests)	Appendix 1 - NHCRLM	\$ 450.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
46	Immunohistochemistry (1-10 IHC Tests)	Appendix 1 - NHCRLM	\$ 670.00	
47	Additional Special Stains (1-3)	Appendix 1 - NHCRLM	\$ 30.00	
48	Additional Special Stains (1-6)	Appendix 1 - NHCRLM	\$ 35.00	

Sila lihat APPENDIX 1 – NHCRLM bagi semua kod ujian yang sedia ada.

Sila lihat APPENDIX 2 bagi panduan kategori saiz tisu.

3.2 Saitologi

Tel: 2242424 samb. 6326 / 6327 / 6704

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
49	Barr body detection (Buccal Smear-Nuclear sexing)	BARRBODY	\$ 90.00	
50	Bronchial Brushing	CMBRONCH	\$ 90.00	
51	Bronchial Washing & Bronchoalveolar Lavage	CMBRONCH	\$ 95.00	
52	Cytology, Fine Needle Aspiration	Appendix 1 - NHCRLM	\$ 250.00	
53	Cytology, Nipple Discharge	CMMAMMARY	\$ 60.00	
54	Cytology, Serous Effusions/CSF	Appendix 1 - NHCRLM	\$ 90.00	
55	Cytology, Sputum	CMSPUTUM	\$ 100.00	
56	Cytology, Synovial Fluid	CMSYNOV	\$ 75.00	
57	Cytology, Urine	CMURINE	\$ 80.00	
58	Pap Test (Liquid-based cytology)	Appendix 1 - NHCRLM	\$ 70.00	
59	Scrapings	Appendix 1 - NHCRLM	\$ 65.00	
60	Additional BAL Special Stain (1-3)	Appendix 1 - NHCRLM	\$ 50.00	

Sila lihat APPENDIX 1 - NHCRLM bagi semua kod ujian yang sedia ada.

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3.3 Andrologi

Tel: 2242424 samb. 7103

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
61	Semen Analysis	SEMEN	\$ 80.00	
62	Sperm Preparation for Intrauterine Insemination	SPERMPREP	\$ 240.00	

Sila lihat APPENDIX 1 - NHCRM bagi semua kod ujian yang sedia ada.

3.4 Mortuari

Tel: 2242424 samb. 8898 / 5444

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
63	Embalming of dead body at residences	Kod ujian akan diadakan	\$ 150.00	
64	Embalming of dead body for exportation	Kod ujian akan diadakan	\$ 115.00	
65	Non Autopsy cases including report (Includes test done on blood (eg alcohol, drugs) and histology work on tissue)	Kod ujian akan diadakan	\$ 485.00	
66	Autopsy including report (Includes test done on blood (eg alcohol, drugs) and histology work on tissue)	Kod ujian akan diadakan	\$ 870.00	

Sila lihat APPENDIX 1 - NHCRM bagi semua kod ujian yang sedia ada.

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4. IMMUNOLOGI (NIRL)

Tel: 2242424 samb. 6349 / 6351

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
67	Anti-Cardiolipin Antibodies IgG	ACG	\$ 25.00	
68	Anti-Cardiolipin Antibodies IgM	ACM	\$ 25.00	
69	ANABlot	ANABLOT	\$ 105.00	
70	ANCA COMBI	ANCAIF	\$ 150.00	
71	ANCABlot	ANCABLOT	\$ 60.00	
72	Anti N-Methyl-D-Aspartate Receptor	NMDAR	\$ 90.00	
73	Anti-Cyclic Citrullinated Peptide Antibody	CCP	\$ 25.00	
74	Anti-deoxyribose Nucleic Acid Antibody (E)	ANTIDNA	\$ 20.00	
75	Anti-mitochondrial antibodies (AMA)	AMA	\$ 30.00	
76	Anti-Nuclear antibodies (ANA)	ANA	\$ 20.00	
77	Anti-parietal cell antibodies (APCA)	APCA	\$ 35.00	
78	Anti-smooth muscle antibodies (ASMA)	ASMA	\$ 30.00	
79	Anti-Thyroid stimulating Hormone Receptor Ab	TSHR	\$ 30.00	
80	Beta 2 Glycoprotein 1 IgG	B2GP1IGG	\$ 25.00	
81	Beta 2 Glycoprotein 1 IgM	B2GP1IGM	\$ 25.00	
82	Anti-DNA (IFA method)	ANTIDNAIF	\$ 25.00	
83	Anti-JO-1	ENAJ01C	\$ 20.00	
84	Anti-RNP	ENARNPC	\$ 20.00	
85	Anti-SCL-70	ENASCL70C	\$ 20.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
86	Anti-SM	ENASMC	\$ 20.00	
87	Anti-SSA	ENALAC	\$ 20.00	
88	Anti-SSB	ENAROC	\$ 20.00	
89	Immunoglobulin E, Total	TIGE	\$ 45.00	
90	Liver Kidney Microsomal	LKM	\$ 165.00	
91	LiverBlot	LIVERBLOT	\$ 110.00	
92	MPBlot	MPBLOT	\$ 160.00	
93	Anti-Myeloperoxidase	ANCAMPO	\$ 25.00	
94	Neuroblot	NEUROBLOT	\$ 150.00	
95	Anti-Proteinase-3	ANCAPR3	\$ 25.00	
96	SIGE Acacia, t19	SIGET19	\$ 50.00	
97	SIGE Almond, f20	SIGEF20	\$ 50.00	
98	SIGE Alternaria alternata, m6	SIGEM6	\$ 50.00	
99	SIGE Anchovy, f313	SIGF313	\$ 55.00	
100	SIGE Aspergillus Fumigatus, m3	SIGEM3	\$ 50.00	
101	SIGE Bahia grass, g17	SIGEG17	\$ 50.00	
102	SIGE Banana, f92	SIGEF92	\$ 55.00	
103	SIGE Beef, f27	SIGEF27	\$ 50.00	
104	SIGE Bermuda grass, g2	SIGEG2	\$ 50.00	
105	SIGE Blomia tropicalis, d201	SIGED201	\$ 55.00	
106	SIGE Blue mussel, f37	SIGEF37	\$ 50.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
107	SIGE Brazil nut, f18	SIGEF18	\$ 50.00	
108	SIGE Cacao, f93	SIGEF93	\$ 55.00	
109	SIGE Cashew Nut, f202	SIGEF202	\$ 55.00	
110	SIGE Cat dander, e1	SIGEE1	\$ 50.00	
111	SIGE Cheese, Cheddar type,f81	SIGEF81	\$ 55.00	
112	SIGE Chick Pea , f309	SIGEF309	\$ 55.00	
113	SIGE Chicken feathers, e85	SIGEE85	\$ 55.00	
114	SIGE Chicken, f83	SIGEF83	\$ 50.00	
115	SIGE Cladosporium herbarum, m2	SIGEM2	\$ 50.00	
116	SIGE Clam, f207	SIGEF207	\$ 55.00	
117	SIGE Cockroach, American, i206	SIGEI206	\$ 55.00	
118	SIGE Cockroach, German i6	SIGEI6	\$ 50.00	
119	SIGE Cockroach, Oriental, i207	SIGEI207	\$ 55.00	
120	SIGE Coconut, f36	SIGEF36	\$ 50.00	
121	SIGE Common silver birch (Betula Verrucosa), t3	SIGET3	\$ 50.00	
122	SIGE Crab, f23	SIGEF23	\$ 50.00	
123	SIGE D. farinae, d2	SIGED2	\$ 50.00	
124	SIGE D. pteronyssinus, d1	SIGED1	\$ 50.00	
125	SIGE D.microceras, d3	SIGED3	\$ 50.00	
126	SIGE Dog dander, e5	SIGEE5	\$ 50.00	
127	SIGE Duck feathers, e86	SIGEE86	\$ 55.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
128	SIGE Egg white, f1	SIGEF18	\$ 50.00	
129	SIGE Egg yolk, f75	SIGEF75	\$ 50.00	
130	SIGE Egg, f245	SIGEF245	\$ 55.00	
131	SIGE Fish (cod), f3	SIGEF3	\$ 50.00	
132	SIGE Formaldehyde/Formalin, k80	SIGEK80	\$ 55.00	
133	SIGE Gluten, f79	SIGEF79	\$ 55.00	
134	SIGE Hazel nut, f17	SIGEF17	\$ 50.00	
135	SIGE Hollister-Stier Labs, h2	SIGEH2	\$ 50.00	
136	SIGE Horse dander, e3	SIGEE3	\$ 50.00	
137	SIGE Latex, k82	SIGEK82	\$ 55.00	
138	SIGE Lobster, f80	SIGEF80	\$ 55.00	
139	SIGE Macadamia nut, f345	SIGEF345	\$ 55.00	
140	SIGE Mackerel, f206	SIGEF206	\$ 55.00	
141	SIGE Maize,Corn f8	SIGEF8	\$ 50.00	
142	SIGE Mandarin, f302	SIGEF302	\$ 55.00	
143	SIGE Melon, f87	SIGEF87	\$ 55.00	
144	SIGE Milk, f2	SIGEF2	\$ 50.00	
145	SIGE Mutton, f88	SIGEF88	\$ 55.00	
146	SIGE Oat, f7	SIGEF7	\$ 50.00	
147	SIGE Orange, f33	SIGEF33	\$ 50.00	
148	SIGE Oyster, f290	SIGEF290	\$ 55.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
149	SIGE Pea, f12	SIGEF12	\$ 50.00	
150	SIGE Peanut, f13	SIGEF13	\$ 50.00	
151	SIGE Penicilloyl G, c1	SIGEC1	\$ 50.00	
152	SIGE Penicilloyl V, c2	SIGEC2	\$ 50.00	
153	SIGE Pistachio, f203	SIGEF203	\$ 55.00	
154	SIGE Rice, f9	SIGEF9	\$ 50.00	
155	SIGE Salmon, f41	SIGEF41	\$ 50.00	
156	SIGE Scallop, f338	SIGEF338	\$ 55.00	
157	SIGE Sesame Seed, f10	SIGEF10	\$ 50.00	
158	SIGE Shrimp, f24	SIGEF245	\$ 50.00	
159	SIGE Soya Bean, f14	SIGEF14	\$ 50.00	
160	SIGE Squid, f258	SIGEF258	\$ 55.00	
161	SIGE Strawberry, f44	SIGEF44	\$ 50.00	
162	SIGE Tuna, f40	SIGEF40	\$ 50.00	
163	SIGE Walnut, f256	SIGEF256	\$ 50.00	
164	SIGE Watermelon, f329	SIGEF329	\$ 55.00	
165	SIGE Wheat, f4	SIGEF4	\$ 50.00	
166	SSBlot	SSBLOT	\$ 150.00	
167	Anti-Thyroglobulin	ATAB	\$ 25.00	
168	Anti-Thyroid Peroxidase	ATPOAB	\$ 25.00	

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5. KIMIA KLINIKAL (NCCRL)

Tel: 2242424 samb. 6321 / 6047

5.1 Ujian Panel (*Panel Test*)

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
169	24-hour Urine Albumin:Creatinine Ratio (ACR)	24ACR CAL24ACR*	\$ 10.00	*SSBH
170	24-hour Urine Protein : Creatinine Ratio (PCR)	24PCR CAL24PCR*	\$ 10.00	*SSBH
171	Albumin : Creatinine Ratio (ACR)	ACR	\$ 10.00	
172	BONE PANEL (CA, ALP, PO4)	BPW	\$ 25.00	
173	CENZ (CK, AST, LDH)	CENZW	\$ 40.00	
174	Gonadotrophic Hormones (FSH, LH, PRL)	GHW	\$ 60.00	
175	Iron/Transferin Ratio - Iron, Transferrin and Calculation Ratio	IRONW FETFRATW*	\$ 25.00	*SSBH
176	LFT - TP, TBIL, ALT, ALP, ALB, GGT	LFTW	\$ 70.00	
177	LP1 – Cholesterol, Triglycerides	LP1W	\$ 20.00	
178	LP2 - Cholesterol, Triglycerides, UHDL and LDL	LP2W	\$ 25.00	
179	Protein : Creatinine Ratio (PCR)	PCR	\$ 10.00	
180	Protein Electrophoresis & Immuno Fixation Electrophoresis	EPP2	\$ 415.00	Tidak dicaj berasingan
	<i>Immuno Fixation Electrophoresis, Serum (\$270.00)</i>			
	<i>Protein Electrophoresis, Serum (\$145.00)</i>			
181	PSA Panel (Total PSA, FPSA and calculated)	PSACW	\$ 35.00	
182	RP1 (Urea, Sodium,Potassium, Creatinine, Bicarbonate, Chloride)	RP1W	\$ 70.00	
183	RP2 (CA, PHOS, URIC ACID)	RP2W	\$ 25.00	
184	Thyroid Panel (TSH, FT3 and FT4)	TFTW	\$ 60.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
185	UE (Urea, Sodium, Potassium)	UEW	\$ 25.00	
186	UEC (Urea, Sodium, Potassium, Creatinine)	UECW	\$ 35.00	
187	UECB (Urea, Sodium, Potassium, Creatinine, Bicarbonate)	UECBW	\$ 70.00	

5.2 Ujian Individu (*Individual Test*)

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
188	24-hour Urine Amylase	24AMY	\$ 10.00	
189	24-hour Urine Calcium	24CA CAL24CA*	\$ 10.00	*SSBH
190	24-hour Urine Chloride	24CL CAL24CL*	\$ 10.00	*SSBH
191	24-hour Urine Creatinine	24CRE CAL24CR*	\$ 10.00	*SSBH
192	24-hour Urine Magnesium	24MG	\$ 10.00	
193	24-hour Urine Microalbumin	24ALB TCAL24MALB*	\$ 10.00	*SSBH
194	24-hour Urine Phosphate	24PO4	\$ 10.00	
195	24-hour Urine Potassium	24K CAL24K*	\$ 10.00	*SSBH
196	24-hour Urine Protein	24PRO CAL24PR*	\$ 10.00	*SSBH
197	24-hour Urine Sodium	24NA CAL24NA*	\$ 10.00	*SSBH
198	24-hour Urine Urea	24UREA	\$ 10.00	
199	24-hour Urine Uric Acid	24UA CAL24UA*	\$ 10.00	*SSBH
200	Acetaminophen (Paracetamol)	PCMW	\$ 15.00	
201	Alanine Transaminase (ALT)	ALTW	\$ 10.00	
202	Albumin	ALBW	\$ 10.00	

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No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
203	Alkaline Phosphatase (ALP)	ALPW	\$ 10.00	
204	Alpha-1-Antitrypsin (AAT)	AATW	\$ 15.00	
205	Alpha-feto Protein (AFP)	AFPW	\$ 25.00	
206	Amikacin Level, Peak	AMIPW	\$ 15.00	
207	Amikacin Level, Random	AMIRW	\$ 15.00	
208	Amikacin Level, Trough	AMITW	\$ 15.00	
209	Ammonia	AMMW	\$ 15.00	
210	Amylase	AMYW	\$ 15.00	
211	Aspartate Aminotransferase (AST)	ASTW	\$ 15.00	
212	Bence Jones Protein, Urine (Screening)	BJP	\$ 10.00	
213	Beta -2 Microglobulin	B2MW	\$ 30.00	
214	Bicarbonate	HCO3W	\$ 10.00	
215	Bilirubin, Total	TBILW	\$ 10.00	
216	Bilirubin, Direct	DBILW	\$ 15.00	
217	Blood Gases (ABG)	ABG	\$ 10.00	
218	Blood Gases (CBG)	CBG	\$ 10.00	
219	CA-125	125W	\$ 25.00	
220	CA-153	153W	\$ 25.00	
221	CA-199	199W	\$ 25.00	
222	Calcium	CAW	\$ 10.00	
223	Calculi Analysis (Stone)	CAL	\$ 35.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
224	Carbamazepine	CARBW	\$ 15.00	
225	Carboxyhaemoglobin (Methaemoglobin)	COHB	\$ 10.00	
226	Carcinoembryonic Antigen (CEA)	CEAW	\$ 25.00	
227	Ceruloplasmin	CERW	\$ 15.00	
228	Chloride	CLW	\$ 10.00	
229	Cholesterol, HDL	HDLW	\$ 10.00	
230	Cholesterol, Total	CHOW	\$ 10.00	
231	Cholinesterase	CHOLINW	\$ 15.00	
232	Complement 3	C3W	\$ 15.00	
233	Complement 4	C4W	\$ 15.00	
234	Cortisol, serum	CORTW	\$ 25.00	
235	C-peptide	CPEPW	\$ 30.00	
236	C-reactive Protein, High Sensitivity (CRP)	CRPW	\$ 10.00	
237	C-reactive Protein (for SSBH & PMMH)	CRPRTW	\$ 10.00	
238	Creatine Kinase	CKW	\$ 15.00	
239	Creatine Kinase – MB	CKMBW	\$ 25.00	
240	Creatinine	CREW	\$ 10.00	
241	Creatinine Clearance Ratio	24CCT CALCCT*	\$ 15.00	*SSBH
242	Cyclosporine	CYA, CYA0	\$ 40.00	
243	Dehydroepiandrosterone-sulphate (DHEAS)	DHEAW	\$ 30.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
244	Digoxin	DIGW	\$ 15.00	
245	Estradiol (E2)	E2W	\$ 25.00	
246	Ferritin	FERW	\$ 25.00	
247	Folate	FOLW	\$ 25.00	
248	Follicular Stimulating Hormone	FSHW	\$ 30.00	
249	Gamma-glutamyl Transferase	GGTW	\$ 10.00	
250	Gentamicin Level -Peak	GENPW	\$ 15.00	
251	Gentamicin Level -Random	GENRW	\$ 15.00	
252	Gentamicin Level -Trough	GENTW	\$ 15.00	
253	Glucose ⁺	GLUW	\$ 10.00	
254	Glucose – Urine	Not Available	\$ 10.00	
255	Glucose Tolerance Test (GTT)	GTTW	\$ 15.00	
256	Glucose-6-Phosphate Dehydrogenase	GPD	\$ 20.00	
257	Glycated Haemoglobin A1C	HBA1C	\$ 15.00	
258	Haptoglobin	HAPW	\$ 15.00	
259	Human Chorionic Gonadotropin, Beta (hCG)	HCGW	\$ 25.00	
260	Immunoglobulin A	IgGAW	\$ 15.00	
261	Immunoglobulin G	IgGGW	\$ 15.00	
262	Immunoglobulin M	IgGMW	\$ 15.00	
263	Insulin	InsW	\$ 25.00	
264	Iron	FEW	\$ 15.00	

⁺ For SSBH, other test codes include RBS1W, RBSW, 2PPSW, FBS1W, FBSW, POBSW

KIMIA KLINIKAL (NCCRL)

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
265	Lactate	LACW	\$ 15.00	
266	Lactate Dehydrogenase	LDHW	\$ 15.00	
267	Lithium	LITW	\$ 25.00	
268	Luteinizing Hormone (LH)	LHW	\$ 25.00	
269	Magnesium	MGW	\$ 15.00	
270	Methotrexate	MTXW	\$ 20.00	
271	Microalbumin	MALB	\$ 10.00	
272	Myoglobin, Urine (Qualitative)	MYOGLOBU	\$ 35.00	
273	N-Terminal-pro Brain Natriuretic Peptide (NT-proBNP)	BNPW	\$ 15.00	
274	Osmolality	OSMO/OSMOU	\$ 15.00	
275	Paraquat, Urine (Qualitative)	PARAQUAT	\$ 15.00	
276	Parathyroid Hormone	PTHW	\$ 30.00	
277	pH Fluids	PHF	\$ 15.00	
278	Phenobarbital	PNBW	\$ 15.00	
279	Phenytoin	PNTW	\$ 15.00	
280	Phosphate (Phosphorus)	PO4W	\$ 10.00	
281	Potassium	KW	\$ 10.00	
282	Procalcitonin	PCTW	\$ 50.00	
283	Progesterone	PROGW	\$ 25.00	
284	Prolactin	PROLW	\$ 25.00	
285	Prostate Specific Antigen, Free (fPSA)	FPSAW	\$ 25.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
286	Prostate Specific Antigen, Total (PSA)	TPSAW	\$ 25.00	
287	Protein	TPW	\$ 10.00	
288	Reducing Sugar – Stool	RSS	\$ 25.00	
289	Reducing Sugar – Urine	RSU	\$ 25.00	
290	Rheumatoid Factor (RA)	RFW	\$ 15.00	
291	Salicylate	SALW	\$ 15.00	
292	Sex Hormone Binding Globulin (SHBG)	SHBGW	\$ 30.00	
293	Sodium	NAW	\$ 10.00	
294	Tacrolimus	TAC	\$ 40.00	
295	Testosterone	TESW	\$ 25.00	
296	Theophylline	THEOW	\$ 20.00	
297	Thyroid Stimulating Hormonen (TSH)	TSHW	\$ 15.00	
298	Thyroxin, free (FT4)	FT4W	\$ 15.00	
299	Transferrin	TRFW	\$ 15.00	
300	Triglyceride	TGW	\$ 10.00	
301	Triiodothyronine, free (FT3)	FT3W	\$ 15.00	
302	Troponin-I	HSTNIW	\$ 30.00	
303	Troponin-T (for SSBH & PMMH)	Not available	\$ 30.00	
304	Urea	RUW	\$ 10.00	
305	Uric Acid	UAW	\$ 10.00	
306	Urine Protein	PU	\$ 10.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
307	Valproate (Valproic Acid)	VALW	\$ 15.00	
308	Vancomycin Level, Peak	VANPW	\$ 15.00	
309	Vancomycin Level, Random	VANRW	\$ 15.00	
310	Vancomycin Level, Trough	VANTW	\$ 15.00	
311	Vitamin B12	B12W	\$ 25.00	
312	Vitamin D	VITDW	\$ 25.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

6. MIKROBIOLOGI KLINIKAL (NCMRL)

Tel: 2242424 samb. 6329 / 6330

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
313	Amoeba, Microscopy	STOOLME	\$ 10.00	
314	Anti-streptolysin O Titre (ASOT)	ASOT	\$ 45.00	
315	Bacterial Antigen, CSF	BACTAG	\$ 70.00	
316	Chlamydia trachomatis Antigen	CHLHVSM	\$ 10.00	
317	Clostridium difficile Toxin	CDIFFICIAG	\$ 10.00	
318	Cryptococcus neoformans antigen	CRYPTOAG	\$ 50.00	
319	Culture & Sensitivity (swab, tissue or other fluid)	Appendix 2 - NCMRL	\$ 110.00	
320	Culture & Sensitivity and Microscopy for Sputum	CSSPT SPTME	\$ 95.00	
321	Culture & Sensitivity, CSF	CSCSF	\$ 100.00	
322	Culture & Sensitivity, Infection control screening	Appendix 2 - NCMRL	\$ 50.00	
323	Culture & Sensitivity, Pd Fluid	CSPDIAL	\$ 110.00	
324	Culture & Sensitivity, Blood (Aerobic & Anaerobic)	CSBLAE	\$ 135.00	
325	Culture & Sensitivity, Blood (Paediatric)	CSBLPEAD	\$ 95.00	
326	Culture & Sensitivity and Microscopy Genital specimens	Appendix 2 - NCMRL	\$ 95.00	
327	Culture, Fungal	Appendix 2 - NCMRL	\$ 40.00	
328	Gram Stain	Appendix 2 - NCMRL	\$ 5.00	
329	Hanging Drop, Stool	STOOLHD	\$ 5.00	
330	KOH Examination, Fungus	KOH	\$ 5.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
331	Microbial Identification tests	VAGINOSIS	\$ 70.00	
332	Microfilaria parasites, Microscopy	MFILARIAMC	\$ 15.00	
333	Microscopic Examination (Cell count & Gram stain)	Appendix 2 - NCMRL	\$ 15.00	
334	Occult Blood, Stool	OCCULT	\$ 5.00	
335	Pregnancy Test	UPT	\$ 10.00	
336	Urinalysis	URINALYSIS	\$ 15.00	
337	Urine Dysmorphic RBC	UDYSRBC	\$ 10.00	

Sila lihat APPENDIX 2 – NCMRL bagi semua kod ujian yang sedia ada.

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

7. MIKOBACTERIOLOGI (NMRL)

Tel: 2221821 / 2221842 samb. 129 / 130

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
338	Acid-Fast Bacilli (AFB) Smear Microscopy	APPENDIX 4 – NMRL	\$ 55.00	
339	AFB Smear Microscopy & Mycobacteria, Culture	APPENDIX 4 – NMRL	\$ 80.00	
340	Drug susceptibility Testing (first line drugs include Pyrazinamide), M. tuberculosis complex	ASTTB	\$ 280.00	
341	M. tuberculosis complex, Identification (Molecular)	MTBCS	\$ 300.00	
342	Molecular detection of Isoniazid & Rifampicin Resistance, Line Probe Assay Mtbdrplus	MDRLPA	\$ 275.00	
343	Non-Typical Mycobacteria, Identification & Drug susceptibility Testing	NTMCS	\$ 420.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

8. UJIAN POINT-OF-CARE (POCT)

Tel: 2242424 samb. 6358

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
344	POC Biopsy Urease Enzyme Rapid Test	Tiada kod ujian	\$ 50.00	
345	POC Blood Gases (Handheld system)	Tiada kod ujian	\$ 10.00	
346	POC Blood Gases (Standalone system)	POC-ABG	\$ 10.00	
347	POC Blood Glucose	Tiada kod ujian	\$ 5.00	
348	POC Blood ketone	Tiada kod ujian	\$ 10.00	
349	POC Prothrombin Time - INR	Tiada kod ujian	\$ 10.00	
350	POC SARS-CoV-2 IgM/IgG Rapid Test	Tiada kod ujian	\$ 25.00	
351	POC Urine Pregnancy Tests	Tiada kod ujian	\$ 5.00	
352	POC Urine Tests Strip	Tiada kod ujian	\$ 5.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

9. PUSAT PENDERMAAN DARAH & TRANSFUSI DARAH (BDC & NBTRL)

Tel: 2242424 samb. 5745 / 6001 / 6002 (Pusat Pendermaan Darah)

Tel: 2242424 samb. 6622 (Transfusi Darah)

9.1 Pra-Transfusi

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
353	ABO and Rh blood group	ABORH	\$ 20.00	
354	Antibody Identification	ABI	\$ 175.00	
355	Antibody Screen	ABSCR	\$ 30.00	
356	Crossmatch - AHG Tube	AHG	\$ 45.00	
357	Crossmatch - first aliquot for neonate	Tiada kod ujian	\$ 80.00	
358	Crossmatch - Gel Card/CAT	GEL/MTH1	\$ 35.00	
359	Crossmatch - Immediate Spin	IS	\$ 20.00	
360	Crossmatch - subsequent aliquot for neonate	Tiada kod ujian	\$ 45.00	
361	Direct Antiglobulin/Coombs Test (DAT/DCT)	DCT	\$ 30.00	
362	Extended Red Cells Phenotyping	Pelbagai kod ujian	\$ 490.00	
363	Newborn Screen (Blood Group and DCT)	ABORH+DCT	\$ 55.00	
364	Red cells phenotyping	Pelbagai kod ujian	\$ 40.00	
365	Rh + K Phenotyping	RHPHENO+ANTIK	\$ 30.00	

Ujian-ujian ini tertakluk kepada permintaan daripada doktor dan tertakluk kepada ujian saringan antibody (*Antibody Screen*). Caj ini belum termasuk caj bagi setiap produk darah yang dipesan (sila lihat 9.2 Produk Darah).

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

9.2 Produk Darah

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
366	Concentrated Packed Red Cells per unit	PC / PC14	\$ 110.00	
367	Cryoprecipitate per unit	CRYO	\$ 100.00	
368	Fresh Frozen Plasma per unit - Paediatric	PEDIFFP	\$ 45.00	
369	Fresh Frozen Plasma per unit- Adult	FFP	\$ 70.00	
370	Leucocyte depleted packed cell per unit	LDPC / LDPC14	\$ 140.00	
371	Pooled Platelet per unit	PLPLT	\$ 325.00	
372	Random Platelet per unit	RDPLT	\$ 60.00	
373	Single Donor Platelet per unit	SDPLT	\$ 855.00	
374	Wash packed cell per unit	WPC	\$ 490.00	

Nota1: Jumlah caj tertakluk kepada jumlah unit yang dipesan oleh doktor.

Nota2: Pihak wad/klinik **dimestikan** untuk merujuk ke **NBTRL** bagi senarai ujian-ujian yang telah dilaksanakan dan produk darah yang telah diberikan kepada pesakit untuk mendapatkan jumlah bayaran yang dikenakan.

9.3 Lain-lain

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
375	Antibody Titre	ABTITRE	\$ 65.00	
376	Cold Agglutinin Test	COLDAGG	\$ 70.00	
377	Cryoglobulin Test	CRYOGLO	\$ 45.00	
378	NAT Testing	Ujian baru. Belum ada kod ujian.	\$ 85.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

10. VIROLOGI (NVRL)

Tel: 2221821 samb. 112

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
379	Chikungunya IgM	CHIKM	\$ 40.00	
380	Cytomegalovirus (CMV) IgG Antibody	CMVGC	\$ 40.00	
381	Cytomegalovirus (CMV) IgM Antibody	CMVMC	\$ 40.00	
382	Dengue Screening (IgM and IgG antibodies, NS1 Antigen)	VDENGUE	\$ 25.00	
383	EBV EA IgA Antibody	EBVEGA	\$ 50.00	
384	EBV VCA IgA Antibody	EBVCAA	\$ 50.00	
385	EBV VCA IgG Antibody	EBVG	\$ 50.00	
386	EBV VCA IgM Antibody	EBVM	\$ 50.00	
387	HCV Antibody Confirmatory	Kod ujian bagi kegunaan dalam makmal sahaja.	\$ 100.00	
388	Hepatitis A IgM	HAVMC	\$ 15.00	
389	Hepatitis A Total Antibody	HAVABC	\$ 15.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian dan caj bayaran tambahan akan dikenakan. Sila lihat ujian HAVMC.
390	Hepatitis B Core Antibody (Anti-HBc)	AHBCC	\$ 15.00	
391	Hepatitis B Core IgM Antibody (AHBc-IgM)	AHBCIGMC	\$ 15.00	
392	Hepatitis B E Antibody (Anti-HBe)	AHBEC	\$ 15.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
393	Hepatitis B E Antigen (HBeAg)	HBEAGC	\$ 15.00	
394	Hepatitis B Surface Antibody (Anti-HBs)	HBSAB	\$ 10.00	
395	Hepatitis B Surface Antigen (HBsAg)	HBSAGC	\$ 10.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian Hepatitis B Surface Antigen Confirmatory, Anti-HBc, AHbC IgM, Anti-HBe, & HBeAg.
396	Hepatitis B Surface Antigen Confirmatory	Kod ujian bagi kegunaan dalam makmal sahaja.	\$ 55.00	
397	Hepatitis B virus DNA (viral load)	HBDNA	\$ 135.00	
398	Hepatitis C Antibody (Anti-HCV)	HCVABC	\$ 15.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian HCV Antibody Confirmatory.
399	Hepatitis C virus RNA (viral load)	HCRNA	\$ 145.00	
400	Herpes Simplex IgM Antibody (HSV IgM)	HSVM	\$ 50.00	
401	Herpes Simplex Virus 1/2 IgG Antibody	HSVG	\$ 50.00	
402	HIV 1/2 antibody Confirmatory	Kod ujian bagi kegunaan dalam makmal sahaja.	\$ 100.00	
403	HIV 1/2 antigen/antibody	HIVC & HIVFWS	\$ 10.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian HIV 1/2 Antibody Confirmatory.
404	HIV RNA (viral load)	HIVRNA	\$ 155.00	
405	Influenza A subtyping	INFATYPE	\$ 160.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
406	Influenza A virus PCR	FLUAS	\$ 195.00	
407	Influenza B virus PCR	FLUBNP	\$ 195.00	
408	Japanese encephalitis IgM	JE	\$ 50.00	
409	Measles IgG Antibody	MEASG	\$ 45.00	
410	Measles IgM Antibody	MEASM	\$ 50.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian Rubella IgM.
411	MERS-CoV PCR	MERSTA	\$ 165.00	
412	Mumps IgG Antibody	MUMG	\$ 50.00	
413	Mumps IgM Antibody	MUMM	\$ 50.00	
414	Parvovirus B19 IgG Antibody	PARVOG	\$ 55.00	
415	Parvovirus B19 IgM Antibody	PARVOM	\$ 55.00	
416	Respiratory virus multiplex PCR	RVMPCR	\$ 205.00	
417	Rubella IgG Antibody	RUBGC	\$ 15.00	
418	Rubella IgM Antibody	RUBM	\$ 15.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian Measles IgM.
419	SARS-CoV-2 RT-PCR	NCOV	\$ 50.00	Mengikut caj yang ditetapkan Kementerian Kesihatan semasa pandemik COVID-19
420	Syphilis Antibody Confirmatory	Kod ujian bagi kegunaan dalam makmal sahaja.	\$ 130.00	
421	Syphilis screening	TPLA	\$ 20.00	Ujian tambahan akan dijalankan tertakluk kepada keputusan ujian saringan dan caj bayaran tambahan akan dikenakan. Sila lihat ujian Syphilis Antibody Confirmatory.

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

No.	Perkhidmatan / Ujian	Kod Ujian (pada 15 Nov 2022)	Harga Baru	Lain-lain
422	TORCH IgM Screening (CMV IgM, HSV IgM, Rubella IgM and Toxoplasma IgM)	VTORCH	\$ 65.00	
423	Toxoplasma IgG Antibody (Toxo IgG)	TOXG	\$ 15.00	
424	Toxoplasma IgM Antibody (Toxo IgM)	TOXM	\$ 15.00	
425	Varicella zoster IgG	VZVG	\$ 50.00	
426	Varicella zoster IgM	VZVM	\$ 55.00	
427	Viral gastroenteritis panel (fecal Rotavirus, Adenovirus, Astrovirus and Norovirus)	VGE	\$ 50.00	

**SKIM CAJ PEMBAYARAN PERKHIDMATAN JABATAN PERKHIDMATAN MAKMAL
KEMENTERIAN KESIHATAN**

11. SPESIMEN DIRUJUK KE LUAR NEGARA (*SPECIMEN SENT ABROAD*)

Harga ujian bagi contoh pesakit yang dirujuk ke luar negara untuk penganalisan adalah berdasarkan caj yang dikenakan oleh makmal yang menjalankan ujian tersebut dan ditambah caj pengendalian sebanyak 20%.

“Cost of tests for which specimens are sent abroad for analysis shall be as that billed to the laboratory by the testing facility with additional 20% handling fees.”

APPENDIX 1 – NHCRLM

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
No 31. Additional BAL Special Stain (1-3)	Test (Task)	ZN	ZIEHL NEELSEN STAIN
	Test (Task)	PAS	PAS STAIN
	Test (Task)	GMS	GROCOTT'S METHENAMINE SILVER
	Test (Task)	ORED	OIL RED O STAIN
	Test (Task)	CMV	CYTOMEGALOVIRUS
No 32. Additional Special Stains (1-3)	Test (Task)	AB	ALCIAN BLUE pH2.5
	Test (Task)	ABPS	ALCIAN BLUE/PAS
	Test (Task)	AURM	AURAMINE STAIN
	Test (Task)	CONR	AMYLOID CONGO RED
	Test (Task)	EVG	VAN GIESON'S STAIN
	Test (Task)	GMS	GROCOTT'S METHENAMINE SILVER
	Test (Task)	GMSA	GIEMSA STAIN
	Test (Task)	GRAM	GRAM STAIN
	Test (Task)	HGS	.HALF GRAM STAIN
	Test (Task)	HPYL	HELICOBACTER PYLORI
	Test (Task)	LNRM	LENDRUM'S STAIN
	Test (Task)	MSB	MSB
	Test (Task)	MT	MASSON-TRICHOME
	Test (Task)	MUCI	SOUTHGATE'S MUCICARMINE
	Test (Task)	ORED	OIL RED O STAIN
	Test (Task)	P001	PAS
	Test (Task)	P001	PAS/+D
	Test (Task)	P001	PERLS
	Test (Task)	P001	GORDON&SWEET'S RETICULIN
	Test (Task)	PAMS	PAMS
	Test (Task)	PHLO	PHLOXINE STAIN
	Test (Task)	STNR	STEINER STEINER STAIN
	Test (Task)	TOLB	TOLUIDINE BLUE STAIN
	Test (Task)	VKOS	VON KOSSA STAIN
Test (Task)	VVG	VERHOEFF'S VAN GIESON	
Test (Task)	WF	WADE FITE STAIN	
Test (Task)	ZN	ZIEHL NEELSEN STAIN	
No 33. Additional Special Stains (1-6)	SAME LIST AS ADDITIONAL SPECIAL STAINS (1-3)		
No 36. Bone Marrow Trephine Biopsy Panel	Panel	Ordered as the appropriate tissue type	
		MASSON-TRICHOME	MASSON-TRICHOME

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
		PERLS	PERLS
		RETICULIN	GORDON&SWEET'S RETICULIN
		PAS	PAS
No 39. Cytology, Fine Needle Aspiration	Test	CABDO	FNAC Abdomen
	Test	CABDVIS	FNAC Abdominal Viscera
	Test	CABDWAL	FNAC Abdominal Wall
	Test	CACONER	FNAC Acoustic Nerve
	Test	CADENO	FNAC Adenoid
	Test	CADRNL	FNAC Adrenal Gland
	Test	CAMVAT	FNAC Ampulla of Vater
	Test	CANKLE	FNAC Ankle
	Test	CANUS	FNAC Anus
	Test	CAORTA	FNAC Aorta
	Test	CAORVAL	FNAC Aortic
	Test	CAPPEN	FNAC Appendix
	Test	CARTERY	FNAC Artery
	Test	CAUDCAN	FNAC Auditory Canal
	Test	CAXILLA	FNAC Axilla
	Test	CBACK	FNAC Back
	Test	CBASGAN	FNAC Basal Ganglia
	Test	CBLOOD	FNAC Blood
	Test	CBLDVES	FNAC Blood Vessel
	Test	CBONE	FNAC Bone
	Test	CMARROW	FNAC Bone Marrow
	Test	CBRAIN	FNAC Brain
	Test	CBREAST	FNAC Breast
	Test	CBRONCHI	FNAC Bronchiole
	Test	CBRONCH	FNAC Bronchus
	Test	CBURSA	FNAC Bursa
	Test	CBUTTOC	FNAC Buttock
	Test	CCALYX	FNAC Calyx
	Test	CCARVAL	FNAC Cardiac Valve
	Test	CCARDIO	FNAC Cardio
	Test	CCARART	FNAC Carotid Artery
	Test	CCARBOD	FNAC Carotid Body
Test	CCELL	FNAC Cellular&Subcellular Structure	
Test	CCNS	FNAC Central Nervous System	
Test	CCEREBE	FNAC Cerebellum	
Test	CCSF	FNAC Cerebrospinal Fluid	

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	CCERVIX	FNAC Cervix
	Test	CCHEEK	FNAC Cheek
	Test	CCLIT	FNAC Clitoris
	Test	CCOLON	FNAC Colon
	Test	CBILEDT	FNAC Common Bile Duct
	Test	CCORART	FNAC Coronary Artery
	Test	CCYSDT	FNAC Cystic Duct
	Test	CDIGEST	FNAC Digestive System
	Test	CDUODE	FNAC Duodenum
	Test	CEAR	FNAC Ear
	Test	CELBOW	FNAC Elbow
	Test	CENDOC	FNAC Endocardium
	Test	CENDPAN	FNAC Endocrine Pancreas
	Test	CENDSYS	FNAC Endocrine System
	Test	CENDOME	FNAC Endometrium
	Test	CEPIDI	FNAC Epididymis
	Test	CEPIVAS	FNAC Epididymis & Vas Deferens
	Test	CEPIGAS	FNAC Epigastric
	Test	CEPIGLO	FNAC Epiglottis
	Test	CESOPH	FNAC Esophagus
	Test	CXHEPDT	FNAC Extrahepatic Bile Duct
	Test	CEYE	FNAC Eye
	Test	CFACE	FNAC Face
	Test	CFALLOP	FNAC Fallopian Tube
	Test	CFEMART	FNAC Femoral Artery
	Test	CFETUS	FNAC Fetus
	Test	CFINGER	FNAC Finger
	Test	CFLANK	FNAC Flank
	Test	CFOOT	FNAC Foot
	Test	CFRARM	FNAC Forearm
	Test	CGALBLD	FNAC Gall Bladder
	Test	CGENUR	FNAC Genitourinary System
	Test	CHAND	FNAC Hand
	Test	CHEAD	FNAC Head
	Test	CHEART	FNAC Heart
	Test	CHEMA	FNAC Hematopoietic & Reticuloendothelial
	Test	CHEPDT	FNAC Hepatic Duct
	Test	CHIP	FNAC Hip
	Test	CILEO	FNAC Ileocecal Valve

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	CILEUM	FNAC Ileum
	Test	CILCOL	FNAC Ileum & Colon
	Test	CINGUIN	FNAC Inguinal Region
	Test	CINNEAR	FNAC Inner Ear
	Test	CJEJUN	FNAC Jejunum
	Test	CJOINT	FNAC Joint
	Test	CKIDNEY	FNAC Kidney
	Test	CKNEE	FNAC Knee
	Test	CLARYNX	FNAC Larynx
	Test	CLEG	FNAC Leg
	Test	CLIGA	FNAC Ligament
	Test	CLIMB	FNAC Limb
	Test	CLIP	FNAC Lip
	Test	CLIVER	FNAC Liver
	Test	CLWREXT	FNAC Lower Extremity
	Test	CLUNG	FNAC Lung
	Test	CLYMPH	FNAC Lymph Node
	Test	CLYMPOF	FNAC Lymphatic System
	Test	CMALLE	FNAC Malleus
	Test	CMASTOI	FNAC Mastoid
	Test	CMECKEL	FNAC Meckel's Diverticulum
	Test	CMEDIA	FNAC Mediastinum
	Test	CMEDOBL	FNAC Medulla Oblongata
	Test	CMESART	FNAC Mesenteric Artery
	Test	CMESEN	FNAC Mesentery
	Test	CMIDBRA	FNAC Mid Brain
	Test	CMIDEAR	FNAC Middle Ear
	Test	CMITRAL	FNAC Mitral
	Test	CMOUTH	FNAC Mouth
	Test	CMUSCLE	FNAC Muscle
	Test	CMUSABD	FNAC Muscle Abdominal
	Test	CMYOC	FNAC Myocardium
	Test	CMYOMET	FNAC Myometrium
	Test	CNASOPH	FNAC Nasopharynx
	Test	CNECK	FNAC Neck
	Test	CNECKLUMP	FNAC Neck lump
	Test	CNOSE	FNAC Nose
	Test	CORBIT	FNAC Orbit
	Test	COVARY	FNAC Ovary
	Test	CPNCRS	FNAC Pancreas
	Test	CPARGAN	FNAC Paraganglion

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	CPARTHY	FNAC Parathyroid
	Test	CPARGLD	FNAC Parotid Gland
	Test	CPELVIS	FNAC Pelvis
	Test	CPENIS	FNAC Penis
	Test	CPERIC	FNAC Pericardium
	Test	CPERINE	FNAC Perineum
	Test	CPERICA	FNAC Peritoneal cavity
	Test	CPERITO	FNAC Peritoneum
	Test	CPHRYNX	FNAC Pharynx
	Test	CPINEAL	FNAC Pineal Body
	Test	CPITUI	FNAC Pituitary Gland
	Test	CPLACEN	FNAC Placenta
	Test	CPLEURA	FNAC Pleura
	Test	CPROS	FNAC Prostate
	Test	CPULART	FNAC Pulmonary Artery
	Test	CPULVAL	FNAC Pulmonic Valve
	Test	CRECTUM	FNAC Rectum
	Test	CSKINOF	FNAC Region of skin
	Test	CRENPEN	FNAC Renal Pelvis
	Test	CREST	FNAC Respiratory system
	Test	CRETPER	FNAC Retroperitoneum
	Test	CSACREG	FNAC Sacral Region
	Test	CSALGLD	FNAC Salivary Gland
	Test	CSCRO	FNAC Scrotum
	Test	CSHOULD	FNAC Shoulder
	Test	CSINUS	FNAC Sinus
	Test	CSKIN	FNAC Skin
	Test	CSMINT	FNAC Small Intestine
	Test	CSPRMCD	FNAC Spermatic Cord
	Test	CSPHINC	FNAC Sphincter of oddi
	Test	CSPINER	FNAC Spinal Nerve
	Test	CSPLEEN	FNAC Spleen
	Test	CSTAPES	FNAC Stapes
	Test	CSTMCH	FNAC Stomach
	Test	CSUBTIS	FNAC Subcutaneous Tissue
	Test	CSUBGLD	FNAC Sublingual Gland
	Test	CSMNGLD	FNAC Submandibular Gland
	Test	CSMXGLD	FNAC Submaxillary Gland
	Test	CTENDON	FNAC Tendon

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	CTESTIS	FNAC Testis
	Test	CTHALA	FNAC Thalamus
	Test	CTHIGH	FNAC Thigh
	Test	CTHORAX	FNAC Thorax
	Test	CTHYMUS	FNAC Thymus
	Test	CTHY	FNAC Thyroid
	Test	CTISSUE	FNAC Tissue
	Test	CTOE	FNAC Toe
	Test	CTONGUE	FNAC Tongue
	Test	CTONSIL	FNAC Tonsil
	Test	CTOOTH	FNAC Tooth
	Test	CTRACH	FNAC Trachea
	Test	CTRIVAL	FNAC Tricuspid Valve
	Test	CTRUNK	FNAC Trunk
	Test	CUPPEXT	FNAC Upper Extremity
	Test	CURETER	FNAC Ureter
	Test	CURETRA	FNAC Urethra
	Test	CURIBLD	FNAC Urinary Bladder
	Test	CUTERUS	FNAC Uterus
	Test	CVAGINA	FNAC Vagina
	Test	CVAS	FNAC Vas Deferens
	Test	CVASA	FNAC Vasa Deferentia
	Test	CVEIN	FNAC Vein
	Test	CVLEXT	FNAC Vein of Lower Extremity
	Test	CVESGLD	FNAC Vestibular Gland
	Test	CVULVA	FNAC Vulva
Test	CWRIST	FNAC Wrist	
No 41. Cytology, Serous Effusions/CSF	Test	CMAMNIO	Cytologic Material-Amniotic
	Test	CMBILEDT	Cytologic Material-Bile duct
	Test	CMCOLONIC	Cytologic Material-Colonic
	Test	CMCSF	Cytologic Material-Cerebrospinal fluid
	Test	CMENDOMET	Cytologic Material-Endometrial
	Test	CMOVACYS	Cytologic Material-Ovarian cyst fl
	Test	CMGICONT	Cytologic Material-Gastrointestinal cont
	Test	CMGASTR	Cytologic Material-Gastric
	Test	CMINTEST	Cytologic Material-Intestinal

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	CMPERICAR	Cytologic Material-Pericardial
	Test	CMPROST	Cytologic Material-Prostatic Aspirate
	Test	CMASCITIC	Cytologic Material-Ascitic Fluid
	Test	CMBURSA	Cytologic Material-Bursa Fluid
	Test	CMJOINT	Cytologic Material-Joint Fluid
	Test	CMKNEE	Cytologic Material-Knee Fluid
	Test	CMPLEURAL	Cytologic Material-Pleural Fluid
	Test	CMPERITO	Cytologic Material-Peritoneal Fluid
	Test	CMPERIDIAL	Cytologic Material-Peridialysis Fluid
	Test	CMINTOCULA	Cytologic Material-Intraocular Fluid
	Test	CMAQUEAOUS	Cytologic Material-Aqueous Humor
	Test	CMVITREOUS	Cytologic Material-Vitreous Humor
	No 41. Frozen Section	Test	FSABDO
Test		FSABDVIS	FS Abdominal Viscera
Test		FSABDWAL	FS Abdominal Wall
Test		FSACONER	FS Acoustic Nerve
Test		FSADENO	FS Adenoid
Test		FSADRNL	FS Adrenal Gland
Test		FSAMVAT	FS Ampulla of Vater
Test		FSANKLE	FS Ankle
Test		FSANUS	FS Anus
Test		FSAORTA	FS Aorta
Test		FSAORVAL	FS Aortic
Test		FSAPPEN	FS Appendix
Test		FSARTERY	FS Artery
Test		FSAUDCAN	FS Auditory Canal
Test		FSAXILLA	FS Axilla
Test		FSBACK	FS Back
Test		FSBASGAN	FS Basal Ganglia
Test		FSBLOOD	FS Blood
Test		FSBLDVES	FS Blood Vessel
Test		FSBONE	FS Bone
Test		FSMARROW	FS Bone Marrow
Test		FSBRAIN	FS Brain
Test		FSBREAST	FS Breast
Test	FSBRONCHI	FS Bronchiole	

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	FSBRONCH	FS Bronchus
	Test	FSBURSA	FS Bursa
	Test	FSBUTTOC	FS Buttock
	Test	FSCALYX	FS Calyx
	Test	FSCARVAL	FS Cardiac Valve
	Test	FSCARDIO	FS Cardio
	Test	FSCARART	FS Carotid Artery
	Test	FSCARBOD	FS Carotid Body
	Test	FSCELL	FS Cellular&Subcellular Structure
	Test	FSCNS	FS Central Nervous System
	Test	FSCEREBE	FS Cerebellum
	Test	FSCSF	FS Cerebrospinal Fluid
	Test	FSCERVIX	FS Cervix
	Test	FSCHEEK	FS Cheek
	Test	FSCLIT	FS Clitoris
	Test	FSCOLON	FS Colon
	Test	FSBILEDT	FS Common Bile Duct
	Test	FSCORART	FS Coronary Artery
	Test	FSCYSDT	FS Cystic Duct
	Test	FSDIGEST	FS Digestive System
	Test	FSDUODE	FS Duodenum
	Test	FSEAR	FS Ear
	Test	FSELBOW	FS Elbow
	Test	FSEDOC	FS Endocardium
	Test	FSENDPAN	FS Endocrine Pancreas
	Test	FSENDSYS	FS Endocrine System
	Test	FSENDOME	FS Endometrium
	Test	FSEPIDI	FS Epididymis
	Test	FSEPIVAS	FS Epididymis & Vas Deferens
	Test	FSEPIGAS	FS Epigastric
	Test	FSEPIGLO	FS Epiglottis
	Test	FSESOPH	FS Esophagus
	Test	FSXHEPDT	FS Extrahepatic Bile Duct
	Test	FSEYE	FS Eye
	Test	FSFACE	FS Face
	Test	FSFALLOP	FS Fallopian Tube
	Test	FSFEMART	FS Femoral Artery
	Test	FSFETUS	FS Fetus
	Test	FSFINGER	FS Finger
	Test	FSFLANK	FS Flank

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	FSFOOT	FS Foot
	Test	FSFRARM	FS Forearm
	Test	FSGALBLD	FS Gall Bladder
	Test	FSGENUR	FS Genitourinary System
	Test	FSHAND	FS Hand
	Test	FSHEAD	FS Head
	Test	FSHEART	FS Heart
	Test	FSHEMA	FS Hematopoietic & Reticuloendothelial
	Test	FSHEPDT	FS Hepatic Duct
	Test	FSHIP	FS Hip
	Test	FSILEO	FS Ileocecal Valve
	Test	FSILEUM	FS Ileum
	Test	FSILCOL	FS Ileum & Colon
	Test	FSINGUIN	FS Inguinal Region
	Test	FSINNER	FS Inner Ear
	Test	FSJEJUN	FS Jejunum
	Test	FSJOINT	FS Joint
	Test	FSKIDNEY	FS Kidney
	Test	FSKNEE	FS Knee
	Test	FSLARYNX	FS Larynx
	Test	FSLEG	FS Leg
	Test	FSLIGA	FS Ligament
	Test	FSLIMB	FS Limb
	Test	FSLIP	FS Lip
	Test	FSLIVER	FS Liver
	Test	FSLWREXT	FS Lower Extremity
	Test	FSLUNG	FS Lung
	Test	FSLYMPH	FS Lymph Node
	Test	FSLYMPOF	FS Lymphatic System
	Test	FSMALLE	FS Malleus
	Test	FSMASTOI	FS Mastoid
	Test	FSMECKEL	FS Meckel's Diverticulum
	Test	FSMEDIA	FS Mediastinum
	Test	FSMEDOBL	FS Medulla Oblongata
	Test	FSMESART	FS Mesenteric Artery
	Test	FSMESEN	FS Mesentery
	Test	FSMIDBRA	FS Mid Brain
	Test	FSMIDEAR	FS Middle Ear
	Test	FSMITRAL	FS Mitral
	Test	FSMOUTH	FS Mouth
	Test	FSMUSCLE	FS Muscle
	Test	FSMUSABD	FS Muscle Abdominal

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	FSMYOC	FS Myocardium
	Test	FSMYOMET	FS Myometrium
	Test	FSNASOPH	FS Nasopharynx
	Test	FSNECK	FS Neck
	Test	FSNOSE	FS Nose
	Test	FSORBIT	FS Orbit
	Test	FSOVARY	FS Ovary
	Test	FSPNCRS	FS Pancreas
	Test	FSPARGAN	FS Paraganglion
	Test	FSPARTHY	FS Parathyroid
	Test	FSPARGLD	FS Parotid Gland
	Test	FSPELVIS	FS Pelvis
	Test	FSPENIS	FS Penis
	Test	FSPERIC	FS Pericardium
	Test	FSPERINE	FS Perineum
	Test	FSPERICA	FS Peritoneal cavity
	Test	FSPERITO	FS Peritoneum
	Test	FSPHRYNX	FS Pharynx
	Test	FSPINEAL	FS Pineal Body
	Test	FSPITUI	FS Pituitary Gland
	Test	FSPLACEN	FS Placenta
	Test	FSPLEURA	FS Pleura
	Test	FSPROS	FS Prostate
	Test	FSPULART	FS Pulmonary Artery
	Test	FSPULVAL	FS Pulmonic Valve
	Test	FSRECTUM	FS Rectum
	Test	FSSKINOF	FS Region of skin
	Test	FSRENPEL	FS Renal Pelvis
	Test	FSREST	FS Respiratory system
	Test	FSRETPER	FS Retroperitoneum
	Test	FSSACREG	FS Sacral Region
	Test	FSSALGLD	FS Salivary Gland
	Test	FSSCRO	FS Scrotum
	Test	FSSHOULD	FS Shoulder
	Test	FSSINUS	FS Sinus
	Test	FSSKIN	FS Skin
	Test	FSSMINT	FS Small Intestine
	Test	FSSPRMCD	FS Spermatic Cord
	Test	FSSPHINC	FS Sphincter of oddi
	Test	FSSPNER	FS Spinal Nerve
	Test	FSSPLEEN	FS Spleen
	Test	FSSTAPES	FS Stapes
	Test	FSSTMCH	FS Stomach

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	FSSUBTIS	FS Subcutaneous Tissue
	Test	FSSUBGLD	FS Sublingual Gland
	Test	FSSMNGLD	FS Submandibular Gland
	Test	FSSMXGLD	FS Submaxillary Gland
	Test	FSTENDON	FS Tendon
	Test	FSTESTIS	FS Testis
	Test	FSTHALA	FS Thalamus
	Test	FSTHIGH	FS Thigh
	Test	FSTHORAX	FS Thorax
	Test	FSTHYMUS	FS Thymus
	Test	FSTHY	FS Thyroid
	Test	FSTISSUE	FS Tissue
	Test	FSTOE	FS Toe
	Test	FSTONGUE	FS Tongue
	Test	FSTONSIL	FS Tonsil
	Test	FSTOOTH	FS Tooth
	Test	FSTRACH	FS Trachea
	Test	FSTRIVAL	FS Tricuspid Valve
	Test	FSTRUNK	FS Trunk
	Test	FSUPPEXT	FS Upper Extremity
	Test	FSURETER	FS Ureter
	Test	FSURETRA	FS Urethra
	Test	FSURIBLD	FS Urinary Bladder
	Test	FSUTERUS	FS Uterus
	Test	FSVAGINA	FS Vagina
	Test	FSVAS	FS Vas Deferens
	Test	FSVASA	FS Vasa Deferentia
	Test	FSVEIN	FS Vein
	Test	FSVLEXT	FS Vein of Lower Extremity
	Test	FSVESGLD	FS Vestibular Gland
Test	FSVULVA	FS Vulva	
Test	FSWRIST	FS Wrist	
No 50. Immunohistochemical Panel, Breast	Panel	Ordered as the appropriate tissue type	
		ERP	ESTROGEN RECEPTOR PROTEIN
		PRP	PROGESTERONE RECEPTOR PROTEIN
		Ki67	Ki67
		CerbB2 ONCOPROTEIN	CerbB2
		E-CADHERIN	E-CADHERIN
No 51. Immunohistochemical Panel, Liver	Panel	Ordered as the appropriate tissue type	
		PAS	PAS
		PAS/+D	PAS/+D

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
		MASSON-TRICHOME	MASSON-TRICHOME
		PERLS	PERLS
		RETICULIN	GORDON&SWEET'S RETICULIN
		Hep B Core	Hepatitis B Core
		Hep B Surface	Hepatitis B Surface
No 52. Immunohistochemical Panel, Lymphoma	Panel	Ordered as the appropriate tissue type	
		Ki67	Ki67
		CYCLIN D1	CYCLIN D1
		CD43	CD43
		LCA	LCA
		CD3	CD3
		CD5	CD5
		B CELL, CD20CY	B CELL, CD20CY
		CD79 alpha	CD79 alpha
		CD10	CD10
		BCL2	BCL2
		BCL6	BCL6
		CD15	CD15
		CD23	CD23
CD30	CD30		
No 53. Immunohistochemical Panel, Renal Biopsy	Panel	Ordered as the appropriate tissue type	
		MASSON-TRICHOME	MASSON-TRICHOME
			JONES
		PAS	PAS
		IgA	IgA
		IgG	IgG
		IgM	IgM
		C3	C3
FIBRINOGEN	FIBRINOGEN		
No 54. Immunohistochemical Panel, Skin Biopsy	Panel	Ordered as the appropriate tissue type	
		PAS	PAS
		IgA	IgA
		IgG	IgG
		IgM	IgM
No 55. Immunohistochemistry (1-3 IHC Tests)	Test (Task)	A1AT	A1AT
	Test (Task)	AFP	AFP
	Test (Task)	ALKP	ALK PROTEIN
	Test (Task)	AMYA	AMYLOID A
	Test (Task)	AMYP	AMYLOID P
	Test (Task)	ARP	ANDROGEN RCPTR
	Test (Task)	BCAT	BETA CATENIN
	Test (Task)	BCEL	B CELL, CD20CY

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test (Task)	BCL2	BCL2
	Test (Task)	BCL6	BCL6
	Test (Task)	BRCA	BRCA1
	Test (Task)	BZLF	EBV BZLF1
	Test (Task)	C125	CA125
	Test (Task)	C138	CD138
	Test (Task)	C153	CA15-3
	Test (Task)	C199	CA19-9
	Test (Task)	C1Q	C1Q
	Test (Task)	C1QF	C1Q/FITC
	Test (Task)	C20F	CD20/FITC
	Test (Task)	C3	C3
	Test (Task)	C3F	C3/FITC
	Test (Task)	C4D	C4d
	Test (Task)	C4dF	C4d/FITC
	Test (Task)	C5/6	CK 5/6
	Test (Task)	C56	CK 5/6
	Test (Task)	CALC	CALCITONIN
	Test (Task)	CD10	CD10
	Test (Task)	CD14	CD14
	Test (Task)	CD15	CD15
	Test (Task)	CD19	CD19
	Test (Task)	CD1a	CD1a
	Test (Task)	CD2	CD2
	Test (Task)	CD21	CD21
	Test (Task)	CD23	CD23
	Test (Task)	CD25	CD25 IL CD25
	Test (Task)	CD3	CD3
	Test (Task)	CD30	CD30
	Test (Task)	CD31	CD31
	Test (Task)	CD33	CD33
	Test (Task)	CD34	CD34 CLASS II
	Test (Task)	CD4	CD4
	Test (Task)	CD43	CD43
	Test (Task)	CD4F	CD4/FITC
	Test (Task)	CD5	CD5
	Test (Task)	CD56	CD56
	Test (Task)	CD68	CD68
	Test (Task)	CD7	CD7
	Test (Task)	CD79	CD79 alpha
	Test (Task)	CD8	CD8
	Test (Task)	CD8F	CD8/FITC
	Test (Task)	CD99	CD99
	Test (Task)	CEA	CEA

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test (Task)	CERB	CerbB2
	Test (Task)	CHRM	CHROMOGRANIN A
	Test (Task)	CK14	CK 14
	Test (Task)	CK18	CK 18
	Test (Task)	CK19	CK 19
	Test (Task)	CK20	CK20
	Test (Task)	CK7	CK7
	Test (Task)	CKHM	CK HMW
	Test (Task)	CKIT	C-KIT
	Test (Task)	CLRT	CALRETININ
	Test (Task)	CMNF	CK MNF116
	Test (Task)	CMV	CMV
	Test (Task)	CYCD	CYCLIN D1
	Test (Task)	DES	DESMIN
	Test (Task)	EBNA	EBV EBNA2
	Test (Task)	ECAD	E-CADHERIN
	Test (Task)	EGFR	EGFR
	Test (Task)	EMA	EMA
	Test (Task)	ERP	ERP
	Test (Task)	EpA	EpA
	Test (Task)	F8	FACTOR 8
	Test (Task)	FIB	FIBRINOGEN
	Test (Task)	GFAP	GFAP
	Test (Task)	GRNZ	GRANZYME B
	Test (Task)	HBC	Hep B Core
	Test (Task)	HBS	Hep B Surface
	Test (Task)	HCG	HCG
	Test (Task)	HEPA	HEPATOCTE
	Test (Task)	HER2	CISH HER2pharm
	Test (Task)	HGH	Hgh
	Test (Task)	HMB	HMB-45
	Test (Task)	HPV	HPV
	Test (Task)	HSV1	HSV I
	Test (Task)	HSV2	HSV II
	Test (Task)	INHB	INHIBIN
	Test (Task)	IgA	IgA
	Test (Task)	IgAF	IgA/FITC
	Test (Task)	IgG	IgG
	Test (Task)	IgG4	IgG4
	Test (Task)	IgGF	IgG/FITC
	Test (Task)	IgM	IgM
	Test (Task)	IgMF	IgM/FITC
	Test (Task)	KPPA	KAPPA
	Test (Task)	Ki67	Ki67

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test (Task)	LCA	LCA
	Test (Task)	LMDA	LAMBDA
	Test (Task)	LMP	EBV LMP
	Test (Task)	MPO	MPO
	Test (Task)	MSA	MSA
	Test (Task)	MYLN	MYELIN
	Test (Task)	MYO	MYOGLOBIN
	Test (Task)	NB84	NB84A
	Test (Task)	NFP	NEUROFILAMENT
	Test (Task)	P16K	P16 INK 4A
	Test (Task)	P53	P53
	Test (Task)	P63	P63
	Test (Task)	PLAP	PLAP
	Test (Task)	PLN	PROLACTIN
	Test (Task)	PNCK	CK AE1/AE3
	Test (Task)	PRP	PRP
	Test (Task)	PSA	PSA
	Test (Task)	S100	S100
	Test (Task)	SMA	SMA
	Test (Task)	SYNP	SYNAPTOPHYSIN
	Test (Task)	TCEL	T CELL, CD45RO
	Test (Task)	THYR	THYROGLOBULIN
	Test (Task)	TTF1	TTF1
Test (Task)	TdT	TDT	
Test (Task)	VIM	VIMENTIN	
No 56. Immunohistochemistry (1-6 IHC Tests)	SAME LIST AS Immunohistochemistry (1-3 IHC Tests)		
No 57. Immunohistochemistry (1-10 IHC Tests)	SAME LIST AS Immunohistochemistry (1-3 IHC Tests)		
No 59. Pap Test (Liquid-based cytology)	Test	PAPSMEAR	Pap test-Cervical
	Test	PAPVAULT	Pap Test-Vaginal/Vault
No 62. Routine Histology (1-5 Specimens) - Small Biopsies	Test	HABDO	H Abdomen
	Test	HABDVIS	H Abdominal Viscera
	Test	HABDWAL	H Abdominal Wall
	Test	HACONER	H Acoustic Nerve
	Test	HADENO	H Adenoid
	Test	HADRNL	H Adrenal Gland
	Test	HAMVAT	H Ampulla of Vater
	Test	HANKLE	H Ankle
	Test	HANUS	H Anus
	Test	HAORTA	H Aorta
	Test	HAORVAL	H Aortic

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	HAPPEN	H Appendix
	Test	HARTERY	H Artery
	Test	HAUDCAN	H Auditory Canal
	Test	HAXIL	H Axilla
	Test	HBACK	H Back
	Test	HBASGAN	H Basal Ganglia
	Test	HBLOOD	H Blood
	Test	HBLDVES	H Blood Vessel
	Test	HBONE	H Bone
	Test	HMARROW	H Bone Marrow
	Test	HBRAIN	H Brain
	Test	HBREAST	H Breast
	Test	HBRONCHI	H Bronchiole
	Test	HBRONCH	H Bronchus
	Test	HBURSA	H Bursa
	Test	HBUTTOC	H Buttock
	Test	HCALYX	H Calyx
	Test	HCARVAL	H Cardiac Valve
	Test	HCARDIO	H Cardio
	Test	HCARART	H Carotid Artery
	Test	HCARBOD	H Carotid Body
	Test	HCELL	H Cellular&Subcellular Structure
	Test	HCNS	H Central Nervous System
	Test	HCEREBE	H Cerebellum
	Test	HCSF	H Cerebrospinal Fluid
	Test	HCERVIX	H Cervix
	Test	HCHEEK	H Cheek
	Test	HCLIT	H Clitoris
	Test	HCOLON	H Colon
	Test	HBILEDT	H Common Bile Duct
	Test	HCORART	H Coronary Artery
	Test	HCYSDT	H Cystic Duct
	Test	HDIGEST	H Digestive System
	Test	HDUODE	H Duodenum
	Test	HEAR	H Ear
	Test	HELBOW	H Elbow
	Test	HENDOC	H Endocardium
	Test	HENDPAN	H Endocrine Pancreas
	Test	HENDSYS	H Endocrine System
	Test	HENDOME	H Endometrium
	Test	HEPIDI	H Epididymis
	Test	HEPIVAS	H Epididymis & Vas Deferens

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	HEPIGAS	H Epigastric
	Test	HEPIGLO	H Epiglottis
	Test	HESOPH	H Esophagus
	Test	HXHEPDT	H Extrahepatic Bile Duct
	Test	HEYE	H Eye
	Test	HFACE	H Face
	Test	HFALLOP	H Fallopian Tube
	Test	HFEMART	H Femoral Artery
	Test	HFETUS	H Fetus
	Test	HFINGER	H Finger
	Test	HFLANK	H Flank
	Test	HFOOT	H Foot
	Test	HFRARM	H Forearm
	Test	HGALBLD	H Gall Bladder
	Test	HGENUR	H Genitourinary System
	Test	HHAND	H Hand
	Test	HHEAD	H Head
	Test	HHEMA	H Hematopoietic & Reticuloendothelial
	Test	HHEPDT	H Hepatic Duct
	Test	HHIP	H Hip
	Test	HILEO	H Ileocecal Valve
	Test	HILEUM	H Ileum
	Test	HILCOL	H Ileum & Colon
	Test	HINGUIN	H Inguinal Region
	Test	HINNER	H Inner Ear
	Test	HJEJUN	H Jejunum
	Test	HJOINT	H Joint
	Test	HKIDNEY	H Kidney
	Test	HKNEE	H Knee
	Test	HLARYNX	H Larynx
	Test	HLEG	H Leg
	Test	HLIGA	H Ligament
	Test	HLIMB	H Limb
	Test	HLIP	H Lip
	Test	HLIVER	H Liver
	Test	HLWREXT	H Lower Extremity
	Test	HLUNG	H Lung
	Test	HLYMPH	H Lymph Node
	Test	HLYMPOF	H Lymphatic System
	Test	HMALE	H Malleus
	Test	HMASTOI	H Mastoid

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	HMECKEL	H Meckel's Diverticulum
	Test	HMEDIA	H Mediastinum
	Test	HMEDOBL	H Medulla Oblongata
	Test	HMESART	H Mesenteric Artery
	Test	HMESEN	H Mesentery
	Test	HMIDBRA	H Mid Brain
	Test	HMIDEAR	H Middle Ear
	Test	HMITRAL	H Mitral
	Test	HMOUTH	H Mouth
	Test	HMUSCLE	H Muscle
	Test	HMUSABD	H Muscle Abdominal
	Test	HMYOC	H Myocardium
	Test	HMYOMET	H Myometrium
	Test	HNASOPH	H Nasopharynx
	Test	HNECK	H Neck
	Test	HNOSE	H Nose
	Test	HORBIT	H Orbit
	Test	HOVARY	H Ovary
	Test	HPNCRS	H Pancreas
	Test	HPARGAN	H Paraganglion
	Test	HPARTHY	H Parathyroid
	Test	HPARGLD	H Parotid Gland
	Test	HPELVIS	H Pelvis
	Test	HPENIS	H Penis
	Test	HPERIC	H Pericardium
	Test	HPERINE	H Perineum
	Test	HPERICA	H Peritoneal cavity
	Test	HPERITO	H Peritoneum
	Test	HPHRYNX	H Pharynx
	Test	HPINEAL	H Pineal Body
	Test	HPITUI	H Pituitary Gland
	Test	HPLACEN	H Placenta
	Test	HPLEURA	H Pleura
	Test	HPROS	H Prostate
	Test	HPULART	H Pulmonary Artery
	Test	HPULVAL	H Pulmonic Valve
	Test	HRECTUM	H Rectum
	Test	HSKINOF	H Region of skin
	Test	HRENPEL	H Renal Pelvis
	Test	HREST	H Respiratory system
	Test	HRETPER	H Retroperitoneum
	Test	HSACREG	H Sacral Region
	Test	HSALGLD	H Salivary Gland

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
	Test	HSCRO	H Scrotum
	Test	HSHOULD	H Shoulder
	Test	HSINUS	H Sinus
	Test	HSKIN	H Skin
	Test	HSMINT	H Small Intestine
	Test	HSPRMCD	H Spermatic Cord
	Test	HSPHINC	H Sphincter of oddi
	Test	HSPINER	H Spinal Nerve
	Test	HSPLEEN	H Spleen
	Test	HSTAPES	H Stapes
	Test	HSTMCH	H Stomach
	Test	HSUBTIS	H Subcutaneous Tissue
	Test	HSUBGLD	H Sublingual Gland
	Test	HSMNGLD	H Submandibular Gland
	Test	HSMXGLD	H Submaxillary Gland
	Test	HTENDON	H Tendon
	Test	HTESTIS	H Testis
	Test	HTHALA	H Thalamus
	Test	HTHIGH	H Thigh
	Test	HTHORAX	H Thorax
	Test	HTHYMUS	H Thymus
	Test	HTHY	H Thyroid
	Test	HTISSUE	H Tissue
	Test	HTOE	H Toe
	Test	HTONGUE	H Tongue
	Test	HTONSIL	H Tonsil
	Test	HTOOTH	H Tooth
	Test	HTRACH	H Trachea
	Test	HTRIVAL	H Tricuspid Valve
	Test	HTRUNK	H Trunk
	Test	HUPPEXT	H Upper Extremity
	Test	HURETER	H Ureter
	Test	HURETRA	H Urethra
	Test	HURIBLD	H Urinary Bladder
	Test	HUTERUS	H Uterus
	Test	HVAGINA	H Vagina
	Test	HVAS	H Vas Deferens
	Test	HVASA	H Vasa Deferentia
	Test	HVEIN	H Vein
	Test	HVLEXT	H Vein of Lower Extremity
	Test	HVESGLD	H Vestibular Gland
	Test	HVULVA	H Vulva

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
No 63. Routine Histology (6-or more Specimens) - Small Biopsies	SAME LIST AS Routine Histology (1-5 Specimens) - Small Biopsies		
No 61. Routine Histology - Medium Specimen	SAME LIST AS Routine Histology (1-5 Specimens) - Small Biopsies		
No 60. Routine Histology - Large Specimen	SAME LIST AS Routine Histology (1-5 Specimens) - Small Biopsies		
No 64. Scrapings	Test	CMCUTANE	Cytologic Material-Cutaneous
	Test	CMDUODEN	Cytologic Material-Duodenal
	Test	CMESOPHA	Cytologic Material-Esophageal
	Test	CMFGEN	Cytologic Material-Female genital fl&sp.
	Test	CMVULVA	Cytologic Material-Vulvar
	Test	CMVAGINAL	Cytologic Material-Vaginal, NOS
	Test	CMECERV	Cytologic Material-Endocervical
	Test	CMVAGCERV	Cytologic Material-Vaginal-cervical
	Test	CMMGEN	Cytologic Material-Male genital fl&sp.
	Test	CMMAMMARY	Cytologic Material-Mammary
	Test	CMLARYN	Cytologic Material-Laryngeal
	Test	CMTRACH	Cytologic Material-Tracheal
	Test	CMURT	Cytologic Material-Upper Resp. tract
	Test	CMNASAL	Cytologic Material-Nasal
	Test	CMNASOPH	Cytologic Material-Nasopharyngeal
Test	CMSCROT	Cytologic Material-Scrotal	

APPENDIX 2 – KATEGORI SAIZ TISU BAGI UJIAN RUTIN HISTOLOGI BIOPSI

SAIZ	CONTOH	KETERANGAN
SMALL	Endoscopic biopsies Needle biopsies (except those requiring special procedures) Skin biopsies Uterine curettage Colposcopic biopsies Brain biopsies Nasal/nasopharyngeal biopsies Oral biopsies Appendicectomy Cholecystectomy Lumpectomy (<5cm size) Lymphadenectomy (<5cm size) Haemorrhoidectomy Simple Products of Conception Tubal ligation/vasectomy Hernia sac Ganglion cyst Tonsillectomy	Spesimen hanya perlu dipindahkan ke kaset atau memerlukan persampelan yang mudah. Hanya memerlukan penilaian diagnostik tahap rendah. <i>Specimens usually only requiring transfer to cassettes or simple standard sampling. Only requires low level of diagnostic assessment.</i>
MEDIUM	Renal biopsies Lumpectomy (>5cm size) Myomectomy colposcopic biopsies Transurethral resection of Prostate Polypectomy (>3cm) Tonsillectomy Lymphadenectomy Cervical LLETZ/cone biopsies Thyroid lobectomy Brain tumour resection Vaginal hysterectomy (prolapse) Large omentectomy Wide excisions with margins	Specimen memerlukan sampling yang <i>standard</i> dan pemotongan sebelum dipindah ke kaset. Memerlukan penilaian diagnostik tahap sederhana. <i>Specimens may require standard sampling and slicing before transfer to cassettes. Moderate level of diagnostic assessment.</i>
LARGE	Bowel resections Gastrectomy Mastectomy Hepatectomy Nephrectomy Whipple's specimen Placenta Total thyroidectomy Neck Dissection Orchidectomy Total hysterectomy and salpingoophorectomy	Spesimen memerlukan persampelan dan pemotongan yang rumit. <i>Specimens requiring complex dissection and sampling.</i>

CONTOH KATEGORI SAIZ TISU

Test Code in BruHIMS	Test Name in BruHIMS	EXAMPLE CATEGORIZATION OF SIZE	REMARKS
HABDO	H Abdomen	Small, Medium	
HABDVIS	H Abdominal Viscera	Small	
HABDWAL	H Abdominal Wall	Small	
HACONER	H Acoustic Nerve	Small	
HADENO	H Adenoid	Small, Medium	
HADRNL	H Adrenal Gland	Small, Medium	
HAMVAT	H Ampulla of Vater	Small	
HANKLE	H Ankle	Small, Medium	
HANUS	H Anus	Small, Medium	Usually from Surgical, OT
HAORTA	H Aorta	Small, Medium	Usually from Cardiology, OT
HAORVAL	H Aortic	Small, Medium	
HAPPEN	H Appendix	Small, Medium	Usually from Surgical, OT
HARTERY	H Artery	Small, Medium	Usually from Surgical, OT
HAUDCAN	H Auditory Canal	Small	
HAXIL	H Axilla	Small, Medium, Large	Clinic-cores-small; OT-Axillary excision-Medium/Large
HBACK	H Back	Medium, Large	
HBASGAN	H Basal Ganglia	Small, Medium	
HBLOOD	H Blood	Small	
HBLDVES	H Blood Vessel	Small	
HBONE	H Bone	Medium, Large	
HMARROW	H Bone Marrow	Medium	
HBRAIN	H Brain	Small	
HBREAST	H Breast	Small, Medium, Large	Clinic-cores-small; OT-excision-Medium, Large
HBRONCHI	H Bronchiole	Small	
HBRONCH	H Bronchus	Small	
HBURSA	H Bursa	Small, Medium	
HBUTTOC	H Buttock	Medium	
HCALYX	H Calyx	Small	
HCARVAL	H Cardiac Valve	Small, Medium	
HCARDIO	H Cardio	Small, Medium	
HCARART	H Carotid Artery	Small, Medium	
HCARBOD	H Carotid Body	Small, Medium	
HCELL	H Cellular&Subcellular Structure	Small, Medium	
HCNS	H Central Nervous System	Small, Medium	
HCEREBE	H Cerebellum	Small	
HCSF	H Cerebrospinal Fluid	Small	
HCERVIX	H Cervix	Small, Medium, Large	Curettings, polyp-small; Cone bx-Medium/Large

Test Code in BruHIMS	Test Name in BruHIMS	EXAMPLE CATEGORIZATION OF SIZE	REMARKS
HCHEEK	H Cheek	Small	
HCLIT	H Clitoris	Small, Medium	
HCOLON	H Colon	Small, Large	Small-Clinic; Large-OT/Surgical
HBILED	H Common Bile Duct	Medium	
HCORART	H Coronary Artery	Medium	
HCYSDT	H Cystic Duct	Small	
HDIGEST	H Digestive System	Medium, Large	Usually from OT
HDUODE	H Duodenum	Small, Large	Small-Clinic, Large-OT/Surgical
HEAR	H Ear	Small, Medium	Size dependant
HELBOW	H Elbow	Small, Medium	
HENDOC	H Endocardium	Small	
HENDPAN	H Endocrine Pancreas	Medium, Large	OT (size dependant)
HENDSYS	H Endocrine System	Medium, Large	
HENDOME	H Endometrium	Small, Medium	Size dependant
HEPIDI	H Epididymis	Small	
HEPIVAS	H Epididymis & Vas Deferens	Small	
HEPIGAS	H Epigastric	Small	Clinic-small
HEPIGLO	H Epiglottis	Small, Medium, Large	dependant on procedure
HESOPH	H Esophagus	Small, Medium	
HXHEPDT	H Extrahepatic Bile Duct	Small	
HEYE	H Eye	Small	
HFACE	H Face	Small, Medium, Large	Small-Skin tag?; Medium-Flap of skin?
HFALLOP	H Fallopian Tube	Small	
HFEMART	H Femoral Artery	Small	
HFETUS	H Fetus	Small, Medium	
HFINGER	H Finger	Small, Medium	Small-skin tag? Medium-Resection of finger?
HFLANK	H Flank	Small, Medium	
HFOOT	H Foot	Small, Medium, Large	
HFRARM	H Forearm	Small, Medium, Large	
HGALBLD	H Gall Bladder	Small, Medium	
HGENUR	H Genitourinary System	Medium	
HHAND	H Hand	Small, Medium	
HHEAD	H Head	Small, Medium, Large	
HHEMA	H Hematopoietic & Reticuloendothelial	Medium, Large	
HHEPDT	H Hepatic Duct	Small, Medium	
HHIP	H Hip	Small, Medium	
HILEO	H Ileocecal Valve	Small, Medium	Endoscopy clinic-small, OT-large

Test Code in BruHIMS	Test Name in BruHIMS	EXAMPLE CATEGORIZATION OF SIZE	REMARKS
HILEUM	H Ileum	Small, Medium, Large	Endoscopy clinic-small, OT-large
HILCOL	H Ileum & Colon	Small, Medium, Large	Endoscopy clinic-small, OT-large
HINGUIN	H Inguinal Region	Small, Medium	
HINNEAR	H Inner Ear	Small	
HJEJUN	H Jejunum	Small, Medium, Large	Endoscopy clinic-small, OT-large
HJOINT	H Joint	Small, Medium	
HKIDNEY	H Kidney	Small, Large	Core bx-small, OT-large
HKNEE	H Knee	Medium, Large	
HLARYNX	H Larynx	Small, Medium	
HLEG	H Leg	Small, Medium, Large	
HLIGA	H Ligament	Small, Medium	
HLIMB	H Limb	Medium, Large	
HLIP	H Lip	Small, Medium	Small-Tag?; Medium-Section of lip?
HLIVER	H Liver	Small, Large	Core bx-small, OT-large
HLWREXT	H Lower Extremity	Small, Medium, Large	
HLUNG	H Lung	Small, Medium, Large	Core bx-small, OT-medium/large
HLYMPH	H Lymph Node	Small, Medium	Core bx-small, OT-Medium
HLYMPOF	H Lymphatic System	Small, Medium	
HMALLE	H Malleus	Small, Medium	
HMASTOI	H Mastoid	Small, Medium	
HMECKEL	H Meckel's Diverticulum	Small, Medium, Large	Biopsy-small, OT-medium/large
HMEDIA	H Mediastinum	Small, Medium	
HMEDOBL	H Medulla Oblongata	Small, Medium	
HMESART	H Mesenteric Artery	Small, Medium	
HMESEN	H Mesentery	Small, Medium, Large	Size dependant
HMIDBRA	H Mid Brain	Small	
HMIDEAR	H Middle Ear	Small	
HMITRAL	H Mitral	Small	
HMOUTH	H Mouth	Small, Medium, Large	
HMUSCLE	H Muscle	Small, Medium	
HMUSABD	H Muscle Abdominal	Small, Medium	
HMYOC	H Myocardium	Small	
HMYOMET	H Myometrium	Small, Medium	
HNASOPH	H Nasopharynx	Small	
HNECK	H Neck	Small, Medium	
HNOSE	H Nose	Small, Medium	
HORBIT	H Orbit	Small, Medium	

Test Code in BruHIMS	Test Name in BruHIMS	EXAMPLE CATEGORIZATION OF SIZE	REMARKS
HOVARY	H Ovary	Medium	
HPNCRS	H Pancreas	Medium	
HPARGAN	H Paraganglion	Medium	
HPARTHY	H Parathyroid	Small	
HPARGLD	H Parotid Gland	Medium, Large	
HPELVIS	H Pelvis	Small, Medium	Core bx-small; OT-Medium
HPENIS	H Penis	Medium, Large	Size dependant?
HPERIC	H Pericardium	Medium	
HPERINE	H Perineum	Medium	
HPERICA	H Peritoneal cavity	Small	
HPERITO	H Peritoneum	Small, Medium	
HPHRYNX	H Pharynx	Small, Medium	
HPINEAL	H Pineal Body	Small	
HPITUI	H Pituitary Gland	Small	
HPLACEN	H Placenta	Small, Medium, Large	Curettings-small, OT-medium/large
HPLEURA	H Pleura	Small, Medium	Core bx-small, OT-medium
HPROS	H Prostate	Small, Medium	Core bx-small, OT-medium
HPULART	H Pulmonary Artery	Small, Medium	
HPULVAL	H Pulmonic Valve	Small, Medium	
HRECTUM	H Rectum	Small, Medium, Large	Biopsy-small, OT-medium/large
HSKINOF	H Region of skin	Small, Medium, Large	Size dependant
HRENPEL	H Renal Pelvis	Small, Medium	
HREST	H Respiratory system	Small, Medium, Large	
HRETPER	H Retroperitoneum	Small, Medium, Large	
HSACREG	H Sacral Region	Small, Medium, Large	
HSALGLD	H Salivary Gland	Small, Medium	
HSCRO	H Scrotum	Small, Medium, Large	Size dependant
HSHOULD	H Shoulder	Small, Medium	skin tag-small, resection-medium
HSINUS	H Sinus	Small	
HSKIN	H Skin	Small, Medium, Large	Size dependant
HSMINT	H Small Intestine	Small, Medium, Large	Biopsy-small, OT-medium/large
HSPRMCD	H Spermatic Cord	Small, Medium	
HSPHINC	H Sphincter of oddi	Small, Medium	
HSPINER	H Spinal Nerve	Small	
HSPLEEN	H Spleen	Small, Medium, Large	Biopsy-small, OT-medium/large
HSTAPES	H Stapes	Small, Medium	
HSTMCH	H Stomach	Small, Medium, Large	
HSUBTIS	H Subcutaneous Tissue	Small, Medium, Large	

Test Code in BruHIMS	Test Name in BruHIMS	EXAMPLE CATEGORIZATION OF SIZE	REMARKS
HSUBGLD	H Sublingual Gland	Medium, Large	
HSMNGLD	H Submandibular Gland	Medium, Large	
HSMXGLD	H Submaxillary Gland	Medium, Large	
HTENDON	H Tendon	Small, Medium	
HTESTIS	H Testis	Medium, Large	
HTHALA	H Thalamus	Medium	
HTHIGH	H Thigh	Small, Medium, Large	Skin tag bx-small, skin flap-medium/large
HTHORAX	H Thorax	Medium	
HTHYMUS	H Thymus	Small,Medium	
HTHY	H Thyroid	Medium, Large	
HTISSUE	H Tissue	Medium, Large	
HTOE	H Toe	Medium, Large	
HTONGUE	H Tongue	Medium, Large	
HTONSIL	H Tonsil	Medium, Large	
HTOOTH	H Tooth	Medium, Large	
HTRACH	H Trachea	Small, Medium	
HTRIVAL	H Tricuspid Valve	Medium, Large	
HTRUNK	H Trunk	Small, Medium	
HUPPEXT	H Upper Extremity	Small, Medium, Large	
HURETER	H Ureter	Small, Medium	
HURETRA	H Urethra	Small, Medium	
HURIBLD	H Urinary Bladder	Medium, Large	
HUTERUS	H Uterus	Medium, Large	TAH, TAH+BSO
HVAGINA	H Vagina	Small, Medium	
HVAS	H Vas Deferens	Small	
HVASA	H Vasa Derentia	Small	
HVEIN	H Vein	Small	
HVLEXT	H Vein of Lower Extremity	Small	
HVESGLD	H Vestibular Gland	Small	
HVULVA	H Vulva	Small, Medium	

APPENDIX 3 – NCMRL

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
Culture & Sensitivity (swab,tissue or other fluid)	Panel	CSABSSP	Culture & Sensitivity-Abscess Specimen
		CSABSSW	Culture & Sensitivity-Abscess Swab
		CSAMNIOFL	Culture & Sensitivity-Amniotic Fluid
		CSAMNIOTIC	Culture & Sensitivity-Fluid (Amniotic)
		CSANALAB	Culture & Sensitivity-Anal Abscess Spec
		CSANALSW	Culture & Sensitivity-Anal Swab
		CSAPPSP	Culture & Sensitivity-Appendix Spec
		CSAPPSW	Culture & Sensitivity-Appendix Swab
		CSAQUEA	Culture & Sensitivity-Fluid (Aqueous H)
		CSASCITIC	Culture & Sensitivity-Fluid (Ascitic)
		CSASPSP	Culture & Sensitivity-Aspirate Specimen
		CSAXILLA	Culture & Sensitivity-Axilla Swab
		CSBARTAB	Culture & Sensitivity-Bartholin Abscess
		CSBARTCSP	Culture & Sensitivity-Bartholin Cyst
		CSBASP	Culture & Sensitivity-Bronchial Aspirate
		CSBED	Culture & Sensitivity-Bed Sore
		CSBILESP	Culture & Sensitivity-Bile Spec
		CSBILESW	Culture & Sensitivity-Bile Swab
		CSBILITR	Culture & Sensitivity-Biliary Tract Absc
		CSBIOPSY	Culture & Sensitivity-Biopsy Specimen
		CSBONEAB	Culture & Sensitivity-Bone/Bone Abscess
		CSBURNSW	Culture & Sensitivity-Burn Swab
		CSBUTTSW	Culture & Sensitivity-Buttock Swab
		CSCATT	Culture & Sensitivity-Catheter/Cannula
		CSCDS	Culture & Sensitivity-Pouch of Douglas
		CSCHANC	Culture & Sensitivity-Chancr Swab
		CSCHEKSW	Culture & Sensitivity-Cheek Swab
		CSCHEST	Culture & Sensitivity-Chest Catheter
		CSCHESTAS	Culture & Sensitivity-Chest Aspirate
		CSCLENS	Culture & Sensitivity-Contact Lens
		CSCOLSP	Culture & Sensitivity-Colon Spec
		CSCONJSM	Culture & Sensitivity-Conjunctival Smear
		CSCONJSM L	Culture & Sensitivity-Conjunctival Sm-Lt
		CSCONJSM R	Culture & Sensitivity-Conjunctival Sm-Rt
		CSCONJSW	Culture & Sensitivity-Conjunctival Swab
		CSCONJSW L	Culture & Sensitivity-Conjunctival Sw-Lt
		CSCONJSW R	Culture & Sensitivity-Conjunctival Sw-Rt
		CSCORDSW	Culture & Sensitivity-Cord Swab
		CSCORNAB	Culture & Sensitivity-Corneal Abscess
		CSCVP	Culture & Sensitivity-CVP Line/Tip
		CSCYSTSP	Culture & Sensitivity-Cyst Specimen
		CSDENTAL	Culture & Sensitivity-Abscess Dental Swb
		CSDRAIN	Culture & Sensitivity-Drain Tip
		CSDRAIN A	Culture & Sensitivity-Drainage Tip
		CSDUODSP	Culture & Sensitivity-Duodenal Spec
		CSEARM	Culture & Sensitivity-Ear Middle-NOS
		CSEARML	Culture & Sensitivity-Ear Middle Left
CSEARMR	Culture & Sensitivity-Ear Middle Right		

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CSEARX	Culture & Sensitivity-Ear Outer-NOS
		CSEARXL	Culture & Sensitivity-Ear External Left
		CSEARXR	Culture & Sensitivity-Ear External Right
		CSEARI	Culture & Sensitivity-Ear Inner-NOS
		CSEARIL	Culture & Sensitivity-Ear Inner Lt Sw
		CSEAIR	Culture & Sensitivity-Ear Inner Rt Sw
		CSENDOMET	Culture & Sensitivity-Endometrium
		CSEPIDI	Culture & Sensitivity-Epididymis
		CSEPIGLO	Culture & Sensitivity-Epiglottis
		CSETT	Culture & Sensitivity-Endotracheal Tube
		CSETTAS	Culture & Sensitivity-Endotracheal Asp
		CSETTSW	Culture & Sensitivity-Endotracheal Tb Sw
		CSETTIP	Culture & Sensitivity-ETT Tip
		CSFALLOTB	Culture & Sensitivity-Fallopian Tube
		CSFETUS	Culture & Sensitivity-Fetus
		CSFNA	Culture & Sensitivity-Fine Needle Asp
		CSFNARES	Culture & Sensitivity-FNA-Respiratory
		CSGALLSP	Culture & Sensitivity-Gall Bladder Spec
		CSGASTAS	Culture & Sensitivity-Gastric A Neonates
		CSGROIN	Culture & Sensitivity-Groin Swab
		CSHAIR	Culture & Sensitivity-Hair
		CSICT	Culture & Sensitivity-ICT
		CSINOCU	Culture & Sensitivity-Fluid(Intraocular)
		CSINTVEN	Culture & Sensitivity-Intravenous Tip
		CSIUCD	Culture & Sensitivity-IUCD
		CSJOINT	Culture & Sensitivity-Fluid (Joint)
		CSJUGU	Culture & Sensitivity-Jugular Catheter
		CSKNEE	Culture & Sensitivity-Fluid (Knee)
		CSLARYN	Culture & Sensitivity-Laryngeal Swab
		CSLIVAB	Culture & Sensitivity-Liver Abscess Spec
		CSLUNGSW	Culture & Sensitivity-Lung Swab
		CSMSU	Culture & Sensitivity-Midstream Urine
		CSMULCER	Culture & Sensitivity-Mouth Ulcer
		CSNAIL	Culture & Sensitivity-Nail
		CSNAILF	Culture & Sensitivity-Nail (Finger)
		CSNASAL	Culture & Sensitivity-Nasal Swab
		CSNASALMF	Culture & Sensitivity-Nasal Sw (Med Fit)
		CSNASOP	Culture & Sensitivity-Nasopharynx
		CSNASOPS	Culture & Sensitivity-Nasopharyngeal Sc
		CSNASOGA	Culture & Sensitivity-Nasogastric Asp
		CSORALC	Culture & Sensitivity-Oral Cavity
		CSORALM	Culture & Sensitivity-Oral Miscellaneous
		CSOVARY	Culture & Sensitivity-Ovary
		CSPCARD	Culture & Sensitivity-Fluid-Pericardial
		CSPDIAL	Culture & Sensitivity-Fluid Peridialys
		CSPENILSW	Culture & Sensitivity-Penile Swab
		CSPERITSP	Culture & Sensitivity-Peritoneum Spec
		CSPERITSW	Culture & Sensitivity-Peritoneum Swab
		CSPICC	Culture & Sensitivity-Line PICC
		CSPLACSW	Culture & Sensitivity-Placenta Swab
		CSPLACTS	Culture & Sensitivity-Placenta Tissue

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CSPLEU	Culture & Sensitivity-Fluid (Pleural)
		CSPROSSW	Culture & Sensitivity-Prostate Swab
		CSPROSTA	Culture & Sensitivity-Fluid (Prostatic)
		CSPROSTH	Culture & Sensitivity-Prosthetic Joints
		CSPTONE	Culture & Sensitivity-Fluid (Peritoneal)
		CSPUSSP	Culture & Sensitivity-Pus Specimen
		CSRECTSW	Culture & Sensitivity-Rectal Swab
		CSSCALP	Culture & Sensitivity-Scalp
		CSSCROSW	Culture & Sensitivity-Scrotum Swab
		CSSEMEN	Culture & Sensitivity-Semen
		CSSEPTIC	Culture & Sensitivity-Septic Spot
		CSSHUNT	Culture & Sensitivity-Fluit (Shunts)
		CSSINUS	Culture & Sensitivity-Sinus
		CSSKIN	Culture & Sensitivity-Skin Swab
		CSSPLESP	Culture & Sensitivity-Spleen Spec
		CSSPT	Culture & Sensitivity-Sputum
		CSSPUBIC	Culture & Sensitivity-Suprapubic Asp
		CSSTOOL	Culture & Sensitivity-Stool
		CSSTOOLMF	Culture & Sensitivity-Stool (Med Fit)
		CSSUBCLA	Culture & Sensitivity-Subclavian Cat Tip
		CSSYNOV	Culture & Sensitivity-Fluid (Synovial)
		CSTENCH	Culture & Sensitivity-Tench Koff Cath
		CSTHROAT	Culture & Sensitivity-Throat Swab
		CSTIPM	Culture & Sensitivity-Tip (Misc)
		CSTIPT	Culture & Sensitivity-Tip of tube
		CSTONGUE	Culture & Sensitivity-Tongue Swab
		CSTONSIL	Culture & Sensitivity-Tonsils Swab
		CSTOOTH	Culture & Sensitivity-Tooth Swab
		CSTPN	Culture & Sensitivity-TPN Line
		CSTRACAS	Culture & Sensitivity-Tracheal Aspirate
		CSTRACSW	Culture & Sensitivity-Tracheostomy swab
		CSTRACTB	Culture & Sensitivity-Tracheostomy tube
		CSUCORDSW	Culture & Sensitivity-Umbilical Cord Sw
		CSUMART	Culture & Sensitivity-Umbilical Art Cat
		CSUMVEN	Culture & Sensitivity-Umbilical Ven Cat
		CSURETSW	Culture & Sensitivity-Urethral Swab
		CSURINCA	Culture & Sensitivity-Urine, Catheter
		CSURINCY	Culture & Sensitivity-Urine, Cytoscopy
		CSURINNE	Culture & Sensitivity-Urine, Nephrostomy
		CSURINUR	Culture & Sensitivity-Urine, Ureter
		CSURINSP	Culture & Sensitivity-Urine, Suprapubic
		CSURINKB	Culture & Sensitivity-Urine, Kidney bag
		CSUTERUS	Culture & Sensitivity-Uterus
		CSVEN	Culture & Sensitivity-Venous Catheter
		CSVENTR	Culture & Sensitivity-Ventriculoostomy
		CSVITR	Culture & Sensitivity-Fluid (Vitreous H)
		CSVULVAL	Culture & Sensitivity-Vulval Swab
		CSWOUNDAB	Culture & Sensitivity-Wound (Anim Bite)
		CSWOUNDPO	Culture & Sensitivity-Wound (Post Op)
		CSWOUNDSW	Culture & Sensitivity-Wound Swab
		CSNECRO	Culture & Sensitivity-Necrotising fasc

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CSGANG	Culture & Sensitivity-Gas Gangrene
		CSPOC	Culture & Sensitivity-Prod of Conception
		CSCATH TIP	Culture & Sensitivity-Catheter Tip
		CSBRESAB	Culture & Sensitivity-Breast Abscess
		CSCORNSC	Culture & Sensitivity-Corneal Scrapping
		CSFEMOR	Culture & Sensitivity-Femoral Cath Tip
		CSTYMPANO	Culture & Sensitivity-Tympanocentesis Fl
		CSGASTB	Culture & Sensitivity-Gastric Bx/Wash
		CSEAR	Culture & Sensitivity ĳ Ear(unspecified)
		CSSEBAC	Culture & Sensitivity-Sebaceous Cyst
		CSULCERSW	Culture & Sensitivity-Ulcer Swab
		CSURETSM	Culture & Sensitivity-Urethral Smear
		CSVOMIT	Culture & Sensitivity-Vomit
		CSHICK	Culture & Sensitivity-Hickman's Catheter
		CSINTDIG	Culture & Sensitivity-Interdigital Swab
		CSNGAST	Culture & Sensitivity-Nasogastric Tube
		CSOROP	Culture & Sensitivity-Oropharyngeal Secr
		CSPHARYN	Culture & Sensitivity-Pharyngeal Swab
		CSBLIST	Culture & Sensitivity-Blister Swab
		CSBOIL	Culture & Sensitivity-Boil Swab
		CSBAL	Culture & Sensitivity-Bronchial Asp Lav
		CSBURSA	Culture & Sensitivity-Fluid (Bursa)
		CSNAILT	Culture & Sensitivity-Nail (Toe)
		CSPUSSW	Culture & Sensitivity-Pus Swab
		CSTISSUE	Culture & Sensitivity-Tissue Specimen
		CSURINMS	Culture & Sensitivity-Urine, Mid-stream
		CSWOUNDE	Culture & Sensitivity-Wound (Exit Site)
		CSSKINSC	Culture & Sensitivity-Skin Scrapping
		CSTRACHSW	Culture & Sensitivity-Trachea swab
		CSPANC	Culture & Sensitivity-Fluid (Pancreatic)
		CSPERIABSW	Culture&Sensitivity Perianal Abcess Swab
		CSPERICA	Culture & Sensitivity-Peritoneal Cavity
		CSCATSWAB	Culture & Sensitivity-Catheter Swab
		CSPUSTSW	Culture & Sensitivity-Pustules Swab
Test		CRBOIL	C&S report-Boil Swab
		CRBONEAB	C&S report-Bone/Bone Abscess
		CRBRESAB	C&S report-Breast Abscess
		CRBURNSW	C&S report-Burn Swab
		CRBURSA	C&S report-Fluid (Bursa)
		CRBUTTSW	C&S report-Buttock Swab
		CRCATT	C&S report-Catheter/Cannula
		CRCDS	C&S report-Pouch of Douglas
		CRCHEKSW	C&S report-Cheek Swab
		CRCHEST	C&S report-Chest Catheter
		CRCHESTAS	C&S report-Chest Aspirate
		CRCLENS	C&S report-Contact Lens
		CRCONJSM	C&S report-Conjunctival Smear
		CRCONJSMR	C&S report-Conjunctival Sm-Rt
		CRCONJSW	C&S report-Conjunctival Swab
		CRCONJSWR	C&S report-Conjunctival Sw-Rt
		CRCORDSW	C&S report-Cord Swab

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CRCORNSC	C&S report-Corneal Scrapping
		CRCFSH	C&S report-CSF Shunts Fluid
		CRCVP	C&S report-CVP Line/Tip
		CRCYSTSP	C&S report-Cyst Specimen
		CRDRAIN	C&S report-Drain Tip
		CRDRAINA	C&S report-Drainage Tip
		CRDUODSP	C&S report-Duodenal Spec
		CREARM	C&S report-Ear Middle-NOS
		CREARML	C&S report-Ear Middle Left
		CREARX	C&S report-Ear Outer-NOS
		CREARXL	C&S report- Ear External Left
		CREARXR	C&S report-Ear external right
		CREARI	C&S report-Ear Inner-NOS
		CREARIR	C&S report-Ear Inner Rt Sw
		CRBILESP	C&S report-Bile Spec
		CRENDOMET	C&S report-Endometrium
		CREPIGLO	C&S report-Epiglottis
		CRET	C&S report-Endotracheal Tube
		CRETAS	C&S report-Endotracheal Asp
		CRETTSW	C&S report-Endotracheal Tb Sw
		CRETITIP	C&S report-ETT Tip
		CRFALOTB	C&S report-Fallopian Tube
		CRFEMOR	C&S report-Femoral Cath Tip
		CRFETUS	C&S report-Fetus
		CRFNARES	C&S report-FNA-Respiratory
		CRGALLSP	C&S report-Gall Bladder Spec
		CRGASTAS	C&S report-Gastric A Neonates
		CRGROIN	C&S report-Groin Swab
		CRHAIR	C&S report-Hair
		CRICT	C&S report-ICT
		CRINOCU	C&S report-Fluid-Intraocular
		CRINTVEN	C&S report-Intravenous Tip
		CRIUCD	C&S report-IUCD
		CRJOINT	C&S report-Fluid (Joint)
		CRJUGU	C&S report-Jugular Catheter
		CRCONJSML	C&S report-Conjunctival Sm-Lt
		CRLARYN	C&S report-Laryngeal Swab
		CRLUNGSW	C&S report-Lung Swab
		CRMSU	C&S report-Midstream Urine
		CRMULCER	C&S report-Mouth Ulcer
		CRNAILF	C&S report-Nail (Finger)
		CRNAILT	C&S report-Nail (Toe)
		CRNASAL	C&S report-Nasal Swab
		CRNASALMF	C&S report-Nasal Sw (Med Fit)
		CRNASOP	C&S report-Nasopharynx
		CRNASOPS	C&S report-Nasopharyngeal Sc
		CRNGAST	C&S report-Nasogastric Tube
		CRORALM	C&S report-Oral Miscellaneous
		CROROP	C&S report-Oropharyngeal Secr
		CROVARY	C&S report-Ovary
		CRPCARD	C&S report-Fluid-Pericardial

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CRPDIAL	C&S report-Fluid-Peridialysis
		CRPERITSP	C&S report-Peritoneum Spec
		CRPERITSW	C&S report-Peritoneum Swab
		CRPICC	C&S report-Line PICC
		CRPLACSW	C&S report-Placenta Swab
		CRPLEU	C&S report-Fluid (Pleural)
		CRPROSSW	C&S report-Prostate Swab
		CRPROSTA	C&S report-Fluid (Prostatic)
		CRPROSTH	C&S report-Prosthetic Joints
		CRPTONE	C&S report-Fluid (Peritoneal)
		CRPUSSP	C&S report-Pus Specimen
		CRPUSSW	C&S report-Pus Swab
		CRPUSTSW	C&S report-Pustules Swab
		CRRECTSW	C&S report-Rectal Swab
		CRSCALP	C&S report-Scalp
		CRSCROSW	C&S report-Scrotum Swab
		CRSEMEN	C&S report-Semen
		CRSEPTIC	C&S report-Septic Spot
		CRSINUS	C&S report-Sinus aspirate
		CRSKIN	C&S report-Skin Swab
		CRSKINSC	C&S report-Skin Scrapping
		CRSPLESP	C&S report-Spleen Spec
		CRSPUBIC	C&S report-Suprapubic Asp
		CRSTOOL	C&S report-Stool
		CRKNEE	C&S report-Fluid (Knee)
		CRSUBCLA	C&S report-Subclavian Cat Tip
		CRSYNOV	C&S report-Fluid (Synovial)
		CRTHROAT	C&S report-Throat Swab
		CRTIPM	C&S report-Tip (Misc)
		CRTIPT	C&S report-Tip of tube
		CRTONGUE	C&S report-Tongue Swab
		CRTONSIL	C&S report-Tonsils Swab
		CRTOOTH	C&S report-Tooth Swab
		CRTPN	C&S report-TPN Line
		CRTRACAS	C&S report-Tracheal Aspirate
		CRTYMPANO	C&S report-Tympanocentesis Fl
		CRTRACHSW	C&S report-Trachea swab
		CRTRACSW	C&S report-Tracheostomy swab
		CRTRACTB	C&S report-Tracheostomy tube
		CRUCORDSW	C&S report-Umbilical Cord Sw
		CRULCERSW	C&S report-Ulcer Swab
		CRUMART	C&S report-Umbilical Art Cat
		CRURETSM	C&S report-Urethral Smear
		CRURINCA	C&S report-Urine, Cathe
		CRURINCY	C&S report-Urine, Cytoscopy
		CRPHARYN	C&S report-Pharyngeal Swab
		CRURINNE	C&S report-Urine, Nephrostomy
		CRURINMS	C&S report-Urine, Mid-stream
		CRURINSP	C&S report-Urine, Suprapubic
		CRUTERSW	C&S report-Uterine Swab
		CRVEN	C&S report-Venous Catheter

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		CRVITR CRVOMIT CRVULVAL CRWOUNDAB CRWOUNDE CRWOUNDPO CRNECRO CRGANG CRPOC CRENVSRN CRSTOOLMF	C&S report-Fluid (Vitreous H) C&S report-Vomitus C&S report-Vulval Swab C&S report-Wound (Anim Bite) C&S report-Wound (Exit Site) C&S report-Wound (Post Op) C&S report-Necrotising fasc C&S report-Gas Gangrene C&S report-Prod of Conception C&S report-Environmental Scr C&S report-Stool (Med Fit)
		CRCATH TIP CRFNA CRSEBAC CRINTDIG CRCATSWAB CRBASP CRCOLSP CRCONJSWL CRCORNAB CRHICK CRORALC CRPENILSW CRTISSUE CRUMVEN CRURINKB CRURINUR CRUTERUS CRVENTR CRWOUNDSW CRBARTAB CRBILITR CRBLANAE CRCHANC CREAMR CREPIDI CRLIVAB CRNAIL CRNASOGA CRPLACTS CRSHUNT CRTENCH CRPERIASW CRPERICA CRAPPSW CRDENTAL	C&S report - Catheter Tip C&S report-Fine Needle Asp C&S report-Sebaceous Cyst C&S report-Interdigital Swab C&S report-Catheter Swab C&S report-Bronchial Aspirate C&S report-Colon Spec C&S report-Conjunctival Sw-Lt C&S report-Corneal Abscess C&S report-Hickman's Catheter C&S report-Oral Cavity C&S report-Penile Swab C&S report-Tissue Specimen C&S report-Umbilical Ven Cat C&S report-Urine, Kidney bag C&S report-Urine, Ureter C&S report-Uterus C&S report-Ventriculoostomy C&S report-Wound Swab C&S report-Bartholin Abscess C&S report-Biliary Tract Absc Final C&S-Blood Anaerobe C&S report-Chancr Swab C&S report-Ear Inner Lt Sw C&S report-Ear Middle Right C&S report-Epididymis C&S report-Liver Abscess Spec C&S report-Nail C&S report-Nasogastric Asp C&S report-Placenta Tissue C&S report-Shunts Fluid C&S report-Tench Koff Cath C&S report - Perianal Abscess Swab C&S report-Peritoneal Cavity C&S report-Appendix Swab C&S report-Abscess Dental Swb
Culture & Sensitivity and Microscopy	Panel	CSCERSW CSECERVSP CSECERSW CSHVS	Culture & Sensitivity-Cervical Swab Culture & Sensitivity-Endocervical spec Culture & Sensitivity-Endocervical swab Culture & Sensitivity-High Vaginal Swab

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
Genital specimens		CSLVAG CSVAGISW CSLVS CSURETSW CRCERVSW CRHVS CRLVAG CRECERVSW CRURETSW CRVAGISW CRLVS CRECERVSP	Culture & Sensitivity-Low Vaginal Swab Culture & Sensitivity-Vaginal Swab Culture & Sensitivity- Low Vaginal Swab Culture & Sensitivity-Urethral Swab C&S report-Cervical Swab C&S report-High Vaginal Swab C&S report-Low Vaginal Swab C&S report-Endocervical swab C&S report-Urethral Swab C&S report-Vaginal Swab C&S report-Low Vaginal Swab C&S report-Endocervical spec
	Test		
Culture, Fungal	Panel	FCCATHETER FCBAL	Fungal Culture - Catheter Fungal Culture-Bronchial Alveolar Lavage
		FCNAIL FCEAR FCEYE FCSKIN FCHAIR FCSTRP FCEXUD FCBODYFL FCBODYTS FCTHROAT FCSPUTUM FCPUS FCPDFLUID FCURINE FCCATHETER FCWOUND FCFOOTABS FCTISSUE FCGROIN FCMOUTH FCCORS FCEXITSITE	Fungal Culture-Nail Fungal Culture-Ear Fungal Culture-Eye Fungal Culture-Skin Scrappings Fungal Culture-Hair Fungal Culture-Strippings Fungal Culture-Exudates Fungal Culture-Body fluids Fungal Culture-Body tissue Fungal Culture - Throat Fungal culture - Sputum Fungal culture - PUS Fungal culture - Peridialysis Fluid Fungal culture - Urine Fungal Culture - Catheter Fungal culture - Wound Fungal culture- Foot Abscess Fungal culture-Tissue Fungal culture - Groin Fungal culture - Mouth Fungal Culture - Corneal scrapping Fungal culture - Exit site swab
	Test	FRNAIL FREAR FREYE FRSKIN FRHAIR FRSTRP FREXUD FRBODYFL FRBODYTS FRTHROAT FRSPUTUM FRPUS FRPDFLUID FRURINE FRCATHETER	Fungal Report-Nail Fungal Report-Ear Fungal Report-Eye Fungal Report-Skin Scrappings Fungal Report-Hair Fungal Report-Strippings Fungal Report-Exudates Fungal Report-Body fluids Fungal Report-Body tissue Fungal Report - Throat Fungal Report - Sputum Fungal Report - PUS Fungal Report - PD Fluid Fungal Report - Urine Fungal Report - Catheter

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		FRWOUND FRFOOTABS FRTISSUE FRGROIN FRMOUTH FRCORS FREXITSITE	Fungal Report - Wound Fungal Report- Foot Abscess Fungal Report - Tissue Fungal Report - Groin Fungal Report - mouth Fungal Report-Corneal Scrapping Fungal Report-Exit site swab
		FRBAL FRPDFLUID	Fungal Report - BAL Fungal Report - PD Fluid
Gram Stain	Test	GSBSSW GSMNIOFL GSAMNIOTIC GSANALAB GSANALSW GSAPPSP GSAQUEA GSASCITIC GSASPSP GSAXILLA GSBARTAB GSBARTCSP GSBASP GSBED GSBILESP GSBILESW GSBLITR GSBLIST GSBOIL GSBONEAB GSBRESAB GSBURNSW GSBURSA GSBUTTSW GSCDS GSCERVSW GSCHANC GSCHEKSW GSCHEST GSCHESTAS GSCLENS GSCONJSM GSCONJSMML GSCONJSMR GSCONJSW GSCONJSWR GSCORDSW GSCORNAB GSCSF GSCSFH GSCVP GSCYSTSP GSDENTAL GSDRAIN	Gram Stain-Abscess Swab Gram Stain-Amniotic Fluid Gram Stain-Fluid (Amniotic) Gram Stain-Anal Abscess Spec Gram Stain-Anal Swab Gram Stain-Appendix Spec Gram Stain-Fluid (Aqueous H) Gram Stain-Fluid (Ascitic) Gram Stain-Aspirate Specimen Gram Stain-Axilla Swab Gram Stain-Bartholin Abscess Gram Stain-Bartholin Cyst Gram Stain-Bronchial Aspirate Gram Stain-Bed Sore Gram Stain-Bile Spec Gram Stain-Bile Swab Gram Stain-Biliary Tract Absc Gram Stain-Blister Swab Gram Stain-Boil Swab Gram Stain-Bone/Bone Abscess Gram Stain-Breast Abscess Gram Stain-Burn Swab Gram Stain-Fluid (Bursa) Gram Stain-Buttock Swab Gram Stain-Pouch of Dauglas Gram Stain-Cervical Swab Gram Stain-Chancse Swab Gram Stain-Cheek Swab Gram Stain-Chest Catheter Gram Stain-Chest Aspirate Gram Stain-Contact Lens Gram Stain-Conjunctival Smear Gram Stain-Conjunctival Sm-Lt Gram Stain-Conjunctival Sm-Rt Gram Stain-Conjunctival Swab Gram Stain-Conjunctival Sw-Rt Gram Stain-Cord Swab Gram Stain-Corneal Abscess Gram Stain-CSF Gram Stain-CSF Shunts Fluid Gram Stain-CVP Line/Tip Gram Stain-Cyst Specimen Gram Stain-Abscess Dental Swab Gram Stain-Drain Tip

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		GSDUODSP	Gram Stain-Duodenal Spec
		GSEARM	Gram Stain-Ear Middle-NOS
		GSEARMR	Gram Stain-Ear Middle Right
		GSEARX	Gram Stain-Ear Outer-NOS
		GSEARXL	Gram Stain-Ear External Left
		GSEARXR	Gram Stain-Ear External Right
		GSEARI	Gram Stain-Ear Inner-NOS
		GSEARIL	Gram Stain-Ear Inner Lt Sw
		GSEARIR	Gram Stain-Ear Inner Rt Sw
		GSECERVSP	Gram Stain-Endocervical spec
		GSECERVS	Gram Stain-Endocervical swab
		GSENDOMET	Gram Stain-Endometrium
		GSEPIDI	Gram Stain-Epididymis
		GSEPIGLO	Gram Stain-Epiglottis
		GSETT	Gram Stain-Endotracheal Tube
		GSETTSW	Gram Stain-Endotracheal Tb Sw
		GSETTTIP	Gram Stain-ETT Tip
		GSFEMOR	Gram Stain-Femoral Cath Tip
		GSFETUS	Gram Stain-Fetus
		GSFNA	Gram Stain-Fine Needle Asp
		GSFNARES	Gram Stain-FNA-Respiratory
		GSGALLSP	Gram Stain-Gall Bladder Spec
		GSGASTAS	Gram Stain-Gastric A Neonates
		GSGROIN	Gram Stain-Groin Swab
		GSHAIR	Gram Stain-Hair
		GSHICK	Gram Stain-Hickman's Catheter
		GSHVS	Gram Stain-High Vaginal Swab
		GSICT	Gram Stain-ICT
		GSINTDIG	Gram Stain-Interdigital Swab
		GSIUCD	Gram Stain-IUCD
		GSJOINT	Gram Stain-Fluid (Joint)
		GSJUGU	Gram Stain-Jugular Catheter
		GSKNEE	Gram Stain-Fluid (Knee)
		GSLARYN	Gram Stain-Laryngeal Swab
		GSLIVAB	Gram Stain-Liver Abscess Spec
		GSLVAG	Gram Stain-Low Vaginal Swab
		GSMSU	Gram Stain-Midstream Urine
		GSMULCER	Gram Stain-Mouth Ulcer
		GSNAIL	Gram Stain-Nail
		GSNAILF	Gram Stain-Nail (Finger)
		GSNASAL	Gram Stain-Nasal Swab
		GSNASALMF	Gram Stain-Nasal Sw (Med Fit)
		GSNASOP	Gram Stain-Nasopharynx
		GSNASOPS	Gram Stain-Nasopharyngeal Sc
		GSNASOGA	Gram Stain-Nasogastric Asp
		GSNGAST	Gram Stain-Nasogastric Tube
		GSORALM	Gram Stain-Oral Miscellaneous
		GSOVARY	Gram Stain-Ovary
		GSPCARD	Gram Stain-Fluid-Pericardial
		GSPDIAL	Gram Stain-Fluid-Peridialysis
		GSPENILSW	Gram Stain-Penile Swab
		GSPERITSP	Gram Stain-Peritoneum Spec
		GSPERITSW	Gram Stain-Peritoneum Swab

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		GSPICC	Gram Stain-Line PICC
		GSPLACSW	Gram Stain-Placenta Swab
		GSPLACTS	Gram Stain-Placenta Tissue
		GSPLEU	Gram Stain-Fluid (Pleural)
		GSPROSSW	Gram Stain-Prostate Swab
		GSPROSTA	Gram Stain-Fluid (Prostatic)
		GSPROSTH	Gram Stain-Prosthetic Joints
		GSPTONE	Gram Stain-Fluid (Peritoneal)
		GSPUSSW	Gram Stain-Pus Swab
		GSPUSTSW	Gram Stain-Pustules Swab
		GSRECTSW	Gram Stain-Rectal Swab
		GSSCALP	Gram Stain-Scalp
		GSSGSOSW	Gram Stain-SGSotum Swab
		GSSEBAC	Gram Stain-Sebaceous Cyst
		GSSEMEN	Gram Stain-Semen
		GSSEPTIC	Gram Stain-Septic Spot
		GSSHUNT	Gram Stain-Shunts Fluid
		GSSINUS	Gram Stain-Sinus Aspirate
		GSSKIN	Gram Stain-Skin Swab
		GSSKINSC	Gram Stain-Skin SGsapping
		GSSPLESP	Gram Stain-Spleen Spec
		GSSPT	Gram Stain-Sputum
		GSSTOOL	Gram Stain-Stool
		GSSYNOV	Gram Stain-Fluid (Synovial)
		GSTENCH	Gram Stain-Tench Koff Cath
		GSTHROAT	Gram Stain-Throat Swab
		GSTIPM	Gram Stain-Tip (Miscellaneous)
		GSTISSUE	Gram Stain-Tissue Specimen
		GSTONGUE	Gram Stain-Tongue Swab
		GSTONSIL	Gram Stain-Tonsils Swab
		GSTOOTH	Gram Stain-Tooth Swab
		GSTPN	Gram Stain-TPN Line
		GSTRACAS	Gram Stain-Tracheal Aspirate
		GSTYMPANO	Gram Stain-Tympanocentesis Fl
		GSTRACSW	Gram Stain-Tracheostomy swab
		GSTRACTB	Gram Stain-Tracheostomy tube
		GSUCORDSW	Gram Stain-Umbilical Cord Sw
		GSUMART	Gram Stain-Umbilical Art Cat
		GSUMVEN	Gram Stain-Umbilical Ven Cat
		GSURETSM	Gram Stain-Urethral Smear
		GSURETSW	Gram Stain-Urethral Swab
		GSURINCA	Gram Stain-Urine, Cathe
		GSURINCY	Gram Stain-Urine, Cytoscopy
		GSURINUR	Gram Stain-Urine, Ureter
		GSURINMS	Gram Stain-Urine, Mid-stream
		GSURINSP	Gram Stain-Urine, Suprapubic
		GSURINKB	Gram Stain-Urine, Kidney bag
		GSUTERSW	Gram Stain-Uterine Swab
		GSUTERUS	Gram Stain-Uterus
		GSVAGISW	Gram Stain-Vaginal Swab
		GSVENTR	Gram Stain-Ventriculaostomy
		GSVITR	Gram Stain-Fluid (Vitreous H)
		GSVOMIT	Gram Stain-Vomit

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		GSVULVAL GSWOUNDAB GSWOUNDE GSWOUNDPO GSWOUNDSW GSNECRO GSGANG GSGASTB GSPOC GSCATH TIP GSLVS GSAPPSW GSCATT GSDRAIN A GSINOCU GSORALC GSSUBCLA GSABSSP GSBIOPSY GSBLPEAD GSCOLSP GSCORNSC GSFALLOTB GSNAILT GSSPUBIC GSTIPT GSTRACHSW GSBAL GSEARML GSETTAS GSINTVEN GSCONJSWL GSLUNGSW GSOROP GSPUSSP GSURINNE GSPHARYN GSVEN GSPERIABSW GSPERICAVI GSCATSWAB GSULCERSW	Gram Stain-Vulval Swab Gram Stain-Wound (Anim Bite) Gram Stain-Wound (Exit Site) Gram Stain-Wound (Post Op) Gram Stain-Wound Swab Gram Stain-Necrotising fasc Gram Stain-Gas Gangrene Gram Stain-Gastric Bx/Wash Gram Stain-Prod of Conception Gram stain - Catheter Tip Gram Stain - Low Vaginal Swab Gram Stain-Appendix Swab Gram Stain-Catheter/Cannula Gram Stain-Drainage Tip Gram Stain-Fluid-Intraocular Gram Stain-Oral Cavity Gram Stain-Subclavian Cat Tip Gram Stain-Abscess Specimen Gram Stain-Biopsy Specimen Gram Stain-Blood Paediatric Gram Stain-Colon Spec Gram Stain-Corneal Scrapping Gram Stain-Fallopian Tube Gram Stain-Nail (Toe) Gram Stain-Suprapubic Asp Gram Stain-Tip of tube Gram Stain-Trachea swab Gram Stain-Bronchial Asp Lav Gram Stain-Ear Middle Left Gram Stain-Endotracheal Asp Gram Stain-Intravenous Tip Gram Stain-Conjunctival Sw-Lt Gram Stain-Lung Swab Gram Stain-Oropharyngeal SeGSetion Gram Stain-Pus Specimen Gram Stain-Urine, Nephrostomy Gram Stain-Pharyngeal Swab Gram Stain-Venous Catheter Gram Stain - Perianal Abscess Swab Gram Stain - Peritoneal Cavity Gram Stain-Catheter Swab Gram Stain-Ulcer Swab
Microscopic Examination (Cell count & Gram stain)	Panel	CELLCTBF CELLCSF CELLCTPF CELLCTPD	Cell Count, Body fluid Cell Count, CSF Cell Count, Pleural Fluid Cell Count, Peritoneal Dialysate fluid
Culture & Sensitivity, Infection control screening	Test	ACBAGROIN ACBASC ACBANASAL ACBAAXILLA ACBAINTER ACBAREC ACBAPUS	Acinetobacter baumannii Screening-Groin MDR ACBA Screening Acinetobacter baumannii Screening - Nasal Acinetobacter baumannii Screening-Axilla Acinetobacter baumannii Screening-Inter ACBA screening - Rectal ACBA Screening - Pus

Perkhidmatan / Ujian	Test/Panel	Test Code in Bru-HIMS	Test name in Bru-HIMS
		MRSARECTAL ACBAWOUND MRSASECR MRAXIL MRENVSRN MRGROIN MRINTDIG MRTHROAT MRDOPT MRDOPT MRDOPT MRDOENV ACBAPT ACBAENV	MRSA - Rectal Swab Acinetobacter Baumanii Screening - Wound MRSA - Secretion MRSA Screening-Axilla Swab MRSA-Environmental Screening MRSA Screening-Groin Swab MRSA Screening-Interdigital Swab MRSA Screening-Throat Swab MRDO Screening-Patient MRDO Screening-Patient MRDO Screening-Patient MRDO Screening-Environment Acinetobacter baumanii Screening-Patient Acinetobacter baumanii Screening-Environment
	Panel	MRSASC ACBASC	MRSA Screening ACBA Screening

APPENDIX 4 – NMRL

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
Acid-Fast Bacilli (AFB) Smear Microscopy	Test	AFBABS	AFB Smear-Abscess, Non-Respiratory Site
		AFBABSR	AFB Smear-Abscess, Respiratory Site
		AFBAS	AFB Smear-Ascetic Fluid
		AFBBAL	AFB Smear-Bronchial Alveolar Lavage
		AFBBAW	AFB Smear-Bronchial Washing
		AFBBM	AFB Smear-Bone Marrow
		AFBBPY	AFB Smear-Biopsy
		AFBBRA	AFB Smear-Bronchial Alveolar Aspirate
		AFBCSF	AFB Smear-Cerebrospinal Fluid
		AFBEMS	AFB Smear-Early Morning Sputum
		AFBEMS1	AFB Smear-Early Morning Sputum X1
		AFBEMS2	AFB Smear-Early Morning Sputum X2
		AFBEMS3	AFB Smear-Early Morning Sputum X3
		AFBEMSC	AFB Smear-Early Morning Sputum-Contact
		AFBEMU	AFB Smear-Early Morning Urine
		AFBEMU1	AFB Smear-Early Morning Urine X1
		AFBEMU2	AFB Smear-Early Morning Urine X2
		AFBEMU3	AFB Smear-Early Morning Urine X3
		AFBETB	AFB Smear-Endotracheal Tube
		AFBETP	AFB Smear-Endotracheal Tip
		AFBETTA	AFB Smear-Endotracheal Asp/ Secr
		AFBFGJ	AFB Smear-Fasting Gastric Juice / Asp.
		AFBFGJ1	AFB Smear-Fasting Gastric Juice X1
		AFBFGJ2	AFB Smear-Fasting Gastric Juice X2
		AFBFGJ3	AFB Smear-Fasting Gastric Juice X3
		AFBFNA	AFB Smear-Fine Needle Aspiration
		AFBKNF	AFB Smear-Knee Fluid
		AFBLYM	AFB Smear-Lymph Node
		AFBPCF	AFB Smear-Pericardial Fluid
		AFBPDF	AFB Smear-Peritoneal Dialysis Fluid
		AFBPLF	AFB Smear-Pleural Fluid
		AFBPTF	AFB Smear-Peritoneal Fluid
		AFBPUSN	AFB Smear-Pus, Non- Respiratory Site
		AFBPUSR	AFB Smear-Pus, Respiratory Site
AFBSPI1	AFB Smear- Sputum Induction X1		
AFBSPI2	AFB Smear- Sputum Induction X2		
AFBSPI3	AFB Smear- Sputum Induction X3		
AFBSYF	AFB Smear-Synovial Fluid		
AFBTAS	AFB Smear-Tracheal Aspirate / Secretion		

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
		AFBTISN	AFB Smear-Tissue, Non-Respir Site
		AFBTISR	AFB Smear-Tissue, Respiratory Site
AFB Smear Microscopy & Mycobacteria, Culture	Panel	TBCABSN	AFB Panel-Abscess, Non-Respir Site
		TBCABSR	AFB Panel-Abscess, Respiratory Site
		TBCASF	AFB Panel-Ascetic Fluid
		TBCBAL	AFB Panel-Bronchial Alveolar Lavage
		TBCBAW	AFB Panel-Bronchial Washing
		TBCBM	AFB Panel-Bone Marrow
		TBCBPY	AFB Panel-Biopsy
		TBCBRA	AFB Panel-Bronchial Alveolar Aspirate
		TBCCSF	AFB Panel-Cerebrospinal Fluid
		TBCEMS	AFB Panel-Early Morning Sputum
		TBCEMS1	AFB Panel-Early Morning Sputum X1
		TBCEMS2	AFB Panel-Early Morning Sputum X2
		TBCEMS3	AFB Panel-Early Morning Sputum X3
		TBCEMSC	AFB Panel-Early Morning Sputum-Contact
		TBCEMU	AFB Panel-Early Morning Urine
		TBCEMU1	AFB Panel-Early Morning Urine X1
		TBCEMU2	AFB Panel-Early Morning Urine X2
		TBCEMU3	AFB Panel-Early Morning Urine X3
		TBCETB	AFB Panel-Endotracheal Tube
		TBCETP	AFB Panel-Endotracheal Tip
		TBCETTA	AFB Panel-Endotracheal Asp/ Secr
		TBCFGJ	AFB Panel-Fasting Gastric Juice / Asp
		TBCFGJ1	AFB Panel-Fasting Gastric Juice X1
		TBCFGJ2	AFB Panel-Fasting Gastric Juice X2
		TBCFGJ3	AFB Panel-Fasting Gastric Juice X3
		TBCFNA	AFB Panel-Fine Needle Aspiration
		TBCKNF	AFB Panel-Knee Fluid
		TBCLYM	AFB Panel-Lymph Node
		TBCPCF	AFB Panel-Pericardial Fluid
		TBCPDF	AFB Panel-Peritoneal Dialysis Fluid
		TBCPLF	AFB Panel-Pleural Fluid
		TBCPTF	AFB Panel-Peritoneal Fluid
		TBCPUSN	AFB Panel-Pus, Non-Respiratory Site
		TBCPUSR	AFB Panel-Pus, Respiratory Site
TBCSYF	AFB Panel-Synovial Fluid		
TBCTAS	AFB Panel-Tracheal Asp/ Secr		
TBCTISN	AFB Panel-Tissue, Non- Respir Site		
TBCTISR	AFB Panel-Tissue, Respiratory Site		
TBCSPI1	AFB Panel- Sputum Induction X1		

Test/Profile Name	Test/Panel	Test Code in BruHIMS	Test Name in BruHIMS
		TBCSPI2	AFB Panel- Sputum Induction X2
		TBCSPI3	AFB Panel- Sputum Induction X3
		TBCCSR	AFB Panel-Corneal Scrappings, Right
		TBCCSL	AFB Panel-Corneal Scrappings, Left
		TBCFLR	AFB Panel-Fluid,Respiratory
		TBCFLNR	AFB Panel-Fluid, Non-Respiratory
		TBCUNS	AFB Panel-Unspecified