

PERKARA

: KADAR CAJ PERKHIDMATAN MAKMAL OLEH FAKULTI PERUBATAN DAN SAINS KESIHATAN

Keputusan

Jawatankuasa Yuran : Bil. 5 (3/2025) 20 JUN 2025

UPM (JKYUPM)

MINIT

: MINIT 1/5 (2025)

KADAR CAJ PERKHIDMATAN MAKMAL OLEH FAKULTI PERUBATAN DAN SAINS KESIHATAN

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
1. MAKMAL PUTRALMAS, PEJABAT TIMBALAN DEKAN (PENYELIDIKAN DAN ANTARABANGSA)						
1	Flow Cytometry T&B Cell Enumeration	per ujian	250.00 – 350.00	280.00 – 380.00	300.00 – 400.00	Perkhidmatan
2	Flow Cytometry Lymphocyte Proliferation	per ujian	250.00 – 350.00	280.00 – 380.00	300.00 – 400.00	Perkhidmatan
3	Flow Cytometry Immunophenotyping	per ujian	380.00 – 500.00	420.00 – 540.00	450.00 – 580.00	Perkhidmatan
4	Flow Cytometry Apoptosis	per ujian	250.00 – 350.00	280.00 – 380.00	300.00 – 400.00	Perkhidmatan
5	Flow Cytometry Cell Cycle	per ujian	250.00 – 350.00	280.00 – 380.00	300.00 – 400.00	Perkhidmatan
6	Flow Cytometry Cell Viability	per ujian	250.00 - 350.00	280.00 - 380.00	300.00 - 400.00	Perkhidmatan
7	Flow Cytometry Green Fluorescence Protein	per ujian	250.00 - 350.00	280.00 - 380.00	300.00 - 400.00	Perkhidmatan
8	Flow Cytometry Cell Sorting	per sesi	2,100.00 - 2,700.00	2,300.00 - 3,000.00	2,500.00 - 3,200.00	Perkhidmatan
9	Flow Cytometry DHR Testing	per ujian	250.00 - 350.00	280.00 - 380.00	300.00 - 400.00	Perkhidmatan
10	HPLC Analysis	per suntikan	120.00 - 155.00	135.00 - 175.00	140.00 - 180.00	Perkhidmatan
11	FPLC Analysis	per suntikan	120.00 - 155.00	135.00 - 175.00	140.00 - 180.00	Perkhidmatan
12	GCFID Fatty Acid Analysis	per suntikan	150.00 - 190.00	160.00 - 210.00	175.00 - 230.00	Perkhidmatan
13	UPLC Analysis	per suntikan	160.00 - 210.00	180.00 - 230.00	200.00 - 260.00	Perkhidmatan
14	ELISA Analysis Service including: 1. Consumables 2. Data Analysis 3. Consultation	per plate (min 40 sample)	250.00-325.00	270.00-350.00	300.00 - 385.00	Perkhidmatan
15	Full Blood Count	1 ujian	15.00 - 20.00	20.00 - 30.00	30.00 - 60.00	Perkhidmatan
16	Ultracentrifuge	per jam	90.00 - 120.00	95.00 - 125.00	110.00 - 140.00	Sewaan
17	High Performance Refrigerated Centrifuge	per jam	70.00 - 100.00	80.00 - 105.00	90.00 - 120.00	Sewaan
18	Bench top Centrifuge	per jam	20.00 - 90.00	25.00 - 150.00	30.00 - 180.00	Sewaan
19	Bench Top Refrigerated High Speed Centrifuge	per jam	60.00 - 80.00	65.00 - 85.00	75.00 - 95.00	Sewaan
20	Rundingan Teknikal **kadar perundingan hanya dikenakan kepada kategori agensi Kerajaan & swasta shj .	Per sesi	Tiada bayaran dikenakan	70.00 - 100.00	90.00 - 120.00	Perkhidmatan
21	Rundingan Expert Panel **kadar perundingan hanya dikenakan kepada kategori agensi Kerajaan & swasta shj	Per sesi	Tiada bayaran dikenakan	250.00 - 300.00	300.00 - 350.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
2. RUMAH HAIWAN, PEJABAT TIMBALAN DEKAN (PENYELIDIKAN DAN ANTARABANGSA)						
1	Pengendalian Dan Pengawalan Tikus, mencit (tidak termasuk haiwan)	Per sesi	9.00 - 12.00	10.00 - 13.00	11.00 - 14.00	Perkhidmatan
2	Suntikan Intravenous: Tail Vein injection, Retro-orbital injection	Per sesi	46.00 - 57.00	49.00 - 61.00	53.00 - 63.00	Perkhidmatan
3	Suntikan Intraperitoneal, Intramuscular dan Subcutaneous Injection	Per sesi	9.00 - 12.00	10.00 -13.00	10.00 - 14.00	Perkhidmatan
4	Transcardial perfusion	Per sesi (1 jam)	92.00 - 104.00	98.00 - 121.00	106.00 - 126.00	Perkhidmatan
5	Oral Gavage Technique (tikus dan mencit)	Per sesi	46.00 - 57.00	49.00 - 61.00	53.00 - 63.00	Perkhidmatan
6	Pengambilan darah cardiac puncture, Veneous Sinus	Per sesi (1 jam)	53.00 - 63.00	46.00 - 57.00	49.00 - 61.00	Perkhidmatan
7	Pengambilan darah tail nick	Per sesi (30 minit)	9.00 - 12.00	10.00 - 13.00	11.00 - 14.00	Perkhidmatan
8	Pengambilan Organ	Per sesi (1 jam)	92.00 - 104.00	98.00 - 121.00	106.00 - 126.00	Perkhidmatan
9	Blood Microdissection of brain region	Per sesi (1 jam)	92.00 - 104.00	98.00 - 121.00	106.00 - 126.00	Perkhidmatan
10	TRAINING PAKEJ A (BASIC) Basic Lab. Animal Training (a) Theory: Basic animal laboratory handling, care and use (b) Practical: - Handling and Restraining - Oral Gavage	3 hours	150.00 - 500.00	150.00 - 500.00	150.00 - 500.00	Perkhidmatan
11	TRAINING PACKAGE B (INTERMEDIATE) (a) Theory: Basic animal laboratory handling, care and use (b) Practical: Handling & Restraining - Injection Procedure - Blood Collection Procedures	8 hours	400.00 - 800.00	400.00 - 800.00	400.00 - 800.00	Perkhidmatan
12	TRAINING PACKAGE ADVANCED (a) Theory: Basic animal laboratory handling, care and use (b) Practical: - Handling and Restraining - Oral gavage - Injection Procedure - Blood Collection Procedures - Transcranial perfusion - Multiple organs harvesting - Microdissection of brain samples	8 hour	650.00 - 1,300.00	650.00 - 1,300.00	650.00 - 1,300.00	Perkhidmatan
13	Rat Cage	Per unit	80.00	80.00	80.00	Sewaan
14	Animal Experimental Room Rental	per room	250.00	250.00	250.00	Sewaan

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2. RUMAH HAIWAN, PEJABAT TIMBALAN DEKAN (PENYELIDIKAN DAN ANTARABANGSA)						
15	Sewaan Set Asas Peralatan Diseksi	Per set (Sehari)	45.00 - 57.00	49.00 - 61.00	53.00 - 63.00	Sewaan
16	Sewaam Sistem AutoMate In Vivo Perfusion dan peralatan diseksi	Per set (Sehari)	92.00 - 104.00	98.00 - 121.00	106.00 - 121.00	Sewaan
17	Inverted Phase Contrast Microscope with Microscopy Camera	per jam	20.00 - 70.00	30.00 - 90.00	45.00 - 110.00	Sewaan
18	Handheld Fluorescene Microscope	per jam	15.00 - 30.00	20.00 - 40.00	25.00 - 50.00	Sewaan
19	Isoflurane Gas Anesthesia (with machine)	per ml	20.00 - 26.00	22.00 - 30.00	24.00 - 33.00	Sewaan
20	Food Pallet	per kg	19.00 - 25.00	20.00 - 26.00	22.00 - 29.00	Produk
3. MAKMAL PATOLOGI KIMIA, JABATAN PATOLOGI						
1	Total Bilirubin (TB)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
2	Total Protein (TP)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
3	Albumin	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
4	Globulin	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
5	Alkaline phosphatase (ALP)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
6	Gamma-glutamyl transferase (GGT)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
7	Aspartate transferase (AST)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
8	Alanine transaminase (ALT)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
9	Creatine Kinase (CK)	1 ujian	30.00 - 45.00	45.00 - 65.00	65.00 - 80.00	Perkhidmatan
10	Lactate Dehydrogenase (LDH)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
11	Digoxin	1 ujian	100.00 - 150.00	150.00 - 200.00	200.00 - 250.00	Perkhidmatan
12	Digitoxin	1 ujian	100.00 - 150.00	150.00 - 200.00	200.00 - 250.00	Perkhidmatan
13	Myoglobin	1 ujian	100.00 - 150.00	150.00 - 200.00	200.00 - 250.00	Perkhidmatan
14	Troponin T	1 ujian	100.00 - 150.00	150.00 - 200.00	200.00 - 250.00	Perkhidmatan
15	Urea	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
16	Uric Acid	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
17	Creatinine	1 ujian	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
18	Sodium	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
19	Potassium	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
20	Chloride (Urine)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
21	Glucose	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
22	T4	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
23	TSH	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
24	Anti - Tg	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
25	Anti – TPO	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
26	FT3	1 ujian	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
27	FT4	1 ujian	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
28	T3	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
29	T – Uptake	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan

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3. MAKMAL PATOLOGI KIMIA, JABATAN PATOLOGI						
30	TG	1 ujian	50.00 - 70.00	70.00 - 100.00	100.00 - 150.00	Perkhidmatan
31	Cholesterol	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
32	Triglycerides	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
33	HDL	1 ujian	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
34	LDL	1 ujian	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
35	Amylase	1 ujian	30.00 - 35.00	35.00 - 45.00	40.00 - 50.00	Perkhidmatan
36	C-reactive Protein (Crp)	1 ujian	30.00 - 35.00	35.00 - 45.00	40.00 - 50.00	Perkhidmatan
37	Ionized Calcium	1 ujian	30.00 - 35.00	35.00 - 45.00	40.00 - 50.00	Perkhidmatan
38	Total Calcium (Ca)	1 ujian	10.00 - 15.00	15.00 - 25.00	20.00 - 30.00	Perkhidmatan
39	Copper (Cu)	1 ujian	150.00 - 155.00	155.00 - 165.00	160.00 - 170.00	Perkhidmatan
40	Zinc (Zn)	1 ujian	150.00 - 155.00	155.00 - 165.00	160.00 - 170.00	Perkhidmatan
41	Liver Function Test	1 ujian	60.00 - 100.00	100.00 - 150.00	150.00 - 200.00	Perkhidmatan
42	Lipid Profile	1 ujian	50.00 - 80.00	80.00 - 110.00	110.00 - 150.00	Perkhidmatan
43	Renal Function Test	1 ujian	60.00 - 100.00	100.00 - 150.00	150.00 - 200.00	Perkhidmatan
44	Thyroid profile	1 ujian	60.00 - 100.00	100.00 - 150.00	150.00 - 200.00	Perkhidmatan
45	Fume hood / BSC / Laminar Flow	per hour	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
46	Autoclave	per run	20.00 - 70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
47	Centrifuge /microcentrifuge / Refrigerated centrifuge	per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
48	Freezer -80 /-20 /Chiller /Refrigerator	per box / month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
49	Incubator/Oven/Microwave/ Shaker Incubator	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
50	Light Microscope with Imaging System	per jam	35.00 - 70.00	40.00 - 80.00	46.00 - 90.00	Sewaan
51	Sonicator Ultrasonic Homogenizer & Grinder	per jam	5.00 - 15.00	10.00 - 25.00	15.00 - 35.00	Sewaan
4. MAKMAL IMMUNOLOGI, JABATAN PATOLOGI						
1	Cells treatment	Per sample	480.00 - 624.00	523.00 - 680.00	567.00 - 735.00	Perkhidmatan
2	PBMC Isolation	Per sample	104.00 - 135.00	113.00 - 148.00	123.00 - 160.00	Perkhidmatan
3	ANA Test	Per sample	112.00 - 145.00	121.00 - 157.00	132.00 - 172.00	Perkhidmatan
4	ELISA Analysis Service including: 1. Consumables 2. Data Analysis 3. Consultation	Per sample	230.00- 300.00	250.0 - 330.00	270.00 - 350.00	Perkhidmatan
5	Microscope Compound with Fluorescence and Digital Imaging	per jam	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan
6	Freeze Dryer	per hari	35.00 - 80.00	50.00 - 100.00	85.00 - 130.00	Sewaan
7	Autoclave	per run	20.00 - 70.00	25.00 - 80.00	35.00 - 90.00	Sewaan
8	Freezer -80 / -20 / chiller / refrigerator	Per box/month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan

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4. MAKMAL IMMUNOLOGI, JABATAN PATOLOGI						
9	Liquid Nitrogen sample storage	Per box/week	60.00 - 70.00	65.00 - 75.00	85.00 - 95.00	Sewaan
10	Incubator/Oven/Microwave/S haker Incubator	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
11	CO2 Incubator	per hari	5.00 - 70.00	10.00 - 75.00	15.00 - 95.00	Sewaan
12	Microscope Inverted	Per jam	10.00 - 70.00	20.00 - 80.00	30.00 - 90.00	Sewaan
13	Refrigerated / High speed Centrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
14	ELISA Reader	Per plate	30.00 - 80.00	40.00 - 100.00	50.00 - 130.00	Sewaan
15	Laminar Flow / Biosafety Cabinet / Fume Hood / PCR work station	Per jam	15.00 - 100.00	20.00 -200.00	30.00 - 300.00	Sewaan
16	Cell culture facilities	per minggu/ pelajar	400.00 - 700.00	450.00 - 800.00	500.00 -900.00	Sewaan
17	Bench Fee include basic facilities (Penyelidikan)	per minggu/ pelajar	300.00 - 600.00	400.00 - 700.00	500.00 - 800.00	Sewaan
5. MAKMAL HISTOPATOLOGI, JABATAN PATOLOGI						
1	Tissue Processor dan Embedde	per hari	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
2	Cryostat	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
3	Rotary Microtome	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
4	Automated Slide Stainer	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
5	Hot Air Oven	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
6	Floatation bath	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
7	Microskop Image Analyser (Kopa/Dino-eye)	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
8	Microskop BX41	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
9	Bench Fee Histopatologi	per minggu/ pelajar	Tiada bayaran dikenakan	250.00 - 350.00	300.00 - 400.00	Sewaan
10	Tissue Processing and Embedding	cassette / 1 bloc	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
11	Sectioning (routine slide)	1 slaid	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
12	Sectioning (coated slide)	1 slaid	15.00 - 25.00	20.00 - 35.00	30.00 -50.00	Perkhidmatan
13	Pewarnaan H&E (sahaja)	1 slaid	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
14	Hydration	1 slaid	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
15	Tissue Processing until H&E staining	1 slaid	30.00 - 40.00	35.00 - 45.00	40.00 - 50.00	Perkhidmatan
16	Pewarnaan Alcian Blue-Pas	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
17	Pewarnaan Alcian Blue-Pas (kit reagent)	1 slaid	71.00 - 92.00	77.00 - 100.00	83.00 - 108.00	Perkhidmatan
18	Pewarnaan Elastic Van Geison	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
19	Pewarnaan Masson Trichrome	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
20	Pewarnaan Oil Red O	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
21	Pewarnaan Pap	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
22	Pewarnaan Van Geison	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan

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5. MAKMAL HISTOPATOLOGI, JABATAN PATOLOGI						
23	Pewarnaan Von Kossa	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
24	Pewarnaan Ziehl Neelson	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
25	Pewarnaan Cesyl Violet (Nissl Staining)	1 slaid	33.00 - 44.00	37.00 - 48.00	40.00-52.00	Perkhidmatan
26	Pewarnaan Safranin O	1 slaid	31.00-40.00	33.00-44.00	36.00-47.00	Perkhidmatan
27	Consultation and user training Pewarnaan Immunohistokimia	per sesi	288.00 - 375.00	313.00 - 408.00	340.00 - 442.00	Perkhidmatan
6. MUZIUM PATOLOGI MANUSIA, MANUSIA						
1	Pakej lawatan 'Easy Tour'	1 pax	5.00 - 10.00	5.00 - 10.00	10.00 - 15.00	Perkhidmatan
2	Pakej Modul 'General Pathology' / Umum	1 pax	35.00 - 40.00	35.00 - 40.00	45.00 - 50.00	Perkhidmatan
3	Pakej Modul 'Hematology' (Primary school)	1 pax	35.00 - 40.00	35.00 - 40.00	35.00 - 50.00	Perkhidmatan
4	Pakej Modul 'Scientific - Hematology/Chemical Pathology/Immunology'	1 pax	35.00 - 40.00	35.00 - 40.00	35.00 - 50.00	Perkhidmatan
5	Pakej Modul 'Cancer awareness'	1 pax	35.00 - 40.00	35.00 - 40.00	35.00 - 50.00	Perkhidmatan
6	Merchandise Muzium Patologi Manusia	1 unit	1.00 - 50.00	1.00 - 50.00	1.00 - 50.00	Perkhidmatan
7	Sewaan Poster 3D	1 unit	5.00 - 10.00	5.00 - 10.00	5.00 - 10.00	Sewaan
8	Sewaan Model Patologi	1 unit/day	10.00 - 100.00	10.00 - 100.00	10.00 - 100.00	Sewaan
9	Sewaan mounting jar specimen. 1. Saiz S (< 5" x 5" x 5" @ 125 inch³)	1 jar	25.00 - 35.00	30.00 - 40.00	35.00 - 45.00	Sewaan
	Saiz M (5" x 5" x 5" @ 125 inch³ to 10" x 10 " x 5 " @ 500 inch³)		50.00 - 60.00	55.00 - 65.00	60.00 - 50.00	
	Saiz L (>10" x 10 " x 5 " @ 500 inch³)		75.00 - 85.00	80.00 - 90.00	85.00 - 95.00	
7. MAKMAL HEMATOLOGI, JABATAN PATOLOGI						
1	PCR APPARATUS (Thermal cycler, Nano drop, Gel Doc system)	per sesi	60.00 - 80.00	65.00 - 90.00	75.00 - 100.00	Sewaan
2	PCR Thermal cycler	per sesi	35.00 - 60.00	30.00 - 70.00	40.00 - 80.00	Sewaan
3	q-PCR	per sesi	20.00 - 30.00	30.00 - 40.00	35.00 - 45.00	Sewaan
4	Gel Electrophoresis & Gel Doc	Per run	15.00 - 80.00	25.00 - 90.00	30.00 - 100.00	Sewaan
5	Gel Electrophoresis	Per run	15.00 - 50.00	30.00 - 80.00	45.00 -100.00	Perkhidmatan
6	DNA/RNA Extraction	1 Ujian	25.00 - 35.00	35.00 - 45.00	40.00 - 45.00	Perkhidmatan
7	PCR (Nanodrop)	per sesi	10.00 - 15.00	35.00 - 50.00	40.00 - 60.00	Sewaan
8	Microscope (Light without camera)	Per jam	10.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
9	Microscope Dual Headed	Per jam	50.00 - 100.00	150.00 - 200.00	250.00 - 300.00	Sewaan
10	Biosafety Cabinet Class /Laminar flow hood/Fume hood/PCR Workstation	per jam	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
11	Centrifuged/Refrigerated Microcentrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
7. MAKMAL HEMATOLOGI, JABATAN PATOLOGI						
12	Full Blood Count	1 ujian	15.00 - 20.00	20.00 - 30.00	30.00 - 60.00	Perkhidmatan
13	Blood Grouping Tube Method	1 ujian	10.00 - 15.00	15.00 - 20.00	20.00 - 25.00	Perkhidmatan
14	Sewaan coagulometer	per sesi	100.00 - 150.00	110.00 - 200.00	150.00 - 200.00	Sewaan
15	Erythrocyte sedimentation rate (ESR) analysis	1 Ujian	10.00 - 20.00	12.00 - 22.00	16.00 - 26.00	Perkhidmatan
16	Blood Smear	1 Slide	15.00 - 25.00	30.00 - 40.00	40.00 - 45.00	Perkhidmatan
17	PCR	per sesi	100.00 - 150.00	150.00 - 200.00	200.00 - 300.00	Perkhidmatan
18	Nucleic acid and protein concentration and purity	1 ujian	10.00 - 15.00	30.00 - 45.00	40.00 - 60.00	Perkhidmatan
19	Incubator/Oven/Microwave/S haker Incubator	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
20	Bench Fee Include Basic Facilities (Teaching)	1 hari	Tiada bayaran dikenakan	150.00 - 750.00	300.00 - 1,000.00	Sewaan
21	Bench Fee Include Basic Facilities (Resaearch)	1 week/student	300.00 - 600.00	400.00 - 700.00	500.00 - 800.00	Sewaan
22	Freezer -80/-30/-20	cryobox /month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
8. MAKMAL BIOKIMIA, JABATAN SAINS BIOPERUBATAN						
1	Autoclave	per use	15.00 - 70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
2	Cell Culture facilities	Penggunaan Seminggu	350.00 - 600.00	400.00 - 700.00	500.00 - 900.00	Sewaan
3	Rotary Evaporator	Per Jam	10.00 - 50.00	15.00 - 60.00	20.00 - 70.00	Sewaan
4	Freezer -80	Per box/per month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
9. MAKMAL PENYELIDIKAN SAINS BIOPERUBATAN, JABATAN SAINS BIOPERUBATAN						
5	Multigene Gradient Thermal Cycler (PCR)	1 jam penggunaan	30.00 - 60.00	35.00 - 70.00	40.00 - 80.00	Sewaan
6	Nanodrop	1 Sesi Penggunaan	10.00 - 15.00	35.00 - 50.00	40.00 - 60.00	Sewaan
7	Complete Slab Gel Drying	1 jam penggunaan	5.00 - 10.00	8.00 - 15.00	10.00 -15.00	Sewaan
8	Biologics (Cell Sonicator) Homogenizer Technical	1 jam penggunaan	5.00 - 15.00	10.00 - 25.00	15.00 -35.00	Sewaan
10. MAKMAL PENYELIDIKAN SEL STEM, JABATAN SAINS BIOPERUBATAN						
9	Microscope Compound / Inverted with Fluorescence and Digital Imaging (Olympus IX51)	per hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan
10	Inverted Microscope with Imaging System (Olympus IX51)	Per hour	20.00 - 70.00	30.00 - 90.00	45.00 - 100.00	Sewaan
11	Liquid nitrogen storage facility for cell cryopreservation	Per vial / week	6.00 - 10.00	8.00 - 14.00	13.00 - 20.00	Sewaan
12	Autoclave	per run	20.00 - 70.00	25.00 - 80.00	35.00 - 90.00	Sewaan
13	cell culture/molecular facilities	Per week/student	400.00 - 700.00	450.00 - 800.00	500.00 - 900.00	Perkhidmatan
14	Freezer -80	per box/month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
15	CO2 Incubator	per day	5.00 - 70.00	10.00 - 75.00	15.00 - 95.00	Sewaan
16	Biosafety Cabinet	Per hour	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
17	Centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
18	Refrigerated Centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
11. MAKMAL GENETIK PERUBATAN, JABATAN SAINS BIOPERUBATAN						
20	Gel Electrophoresis	Per run	15.00-50.00	30.00-80.00	45.00-100.00	Sewaan
22	Laminar Flow	Per use	15.00-100	20-200	30-300	Sewaan
23	CO2 Incubator	per day/ per flask	5.00-70.00	10.00-75.00	15.00-95.00	Sewaan
24	Biosafety Cabinet/fume hood	Per use	15.00-100	20-200	30-300	Sewaan
26	Gel Documentation	Per hour	15.00-80.00	25.00-90.00	30.00-100.00	Sewaan
27	Inverted Microscope with imaging	Per hour	20.00-70.00	30.00-90.00	45.00-110.00	Sewaan
28	Liquid nitrogen storage facility for cell cryopreservation	Per 1.5ml vial / week	6.00-10.00	8.00-14.00	13.00-20.00	Sewaan
29	Real Time PCR System (LC480)	Per use	55.00-60.00	61.00-65.00	66.00-70.00	Sewaan
30	Biospectrometer	Per hour	20.00-50.00	30.00-60.00	40.00-70.00	Sewaan
32	Autoclave	per (run)	15.00-70.00	20.00-80.00	35.00-90.00	Sewaan
34	Cell culture facility -molecular work facility	1 person / week	400.00-600.00	450.00-800.00	500.00-900.00	Sewaan
35	Homogenizer	per hour	5.00-15.00	10.00-25.00	15.00-35.00	Sewaan
36	sonicator	per hour	5.00-15.00	10.00-25.00	15.00-35.00	Sewaan
37	centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
38	refrigerated centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
41	Thermocycler (PCR Machine)	Per hour	20.00-60.00	30.00-70.00	35.00-80.00	Sewaan
42	Shaker incubator	liter	5.00-35.00	10.00-40.00	15.00-45.00	Sewaan
43	Stereomicroscope with imaging	jam	35.00-70.00	40.00-80.00	46.00-90.00	Sewaan
45	Animal Handling Facility	SANGKAR/ MINGGU	55.00-77.00	80.00-90.00	91.00-100.00	Sewaan
46	Light Microscope (compound microscope)	Per hour	10.00-15.00	20.00-30.00	25.00-35.00	Sewaan
47	Freezer -80	Per box/ per month	25.00-150.00	35.00-200.00	45.00-300.00	Sewaan
48	i) Genomic DNA Extraction from Human Blood (Whole blood and/or Buffy Coat)	Per sample	140.00-150.00	200.00-250.00	300.00-350.00	Perkhidmatan
	ii) Genomic DNA Extraction from Human Blood (Whole blood and/or Buffy Coat) With expert intrepretation	Per sample	690.00-960.00	750.00-980.00	820.00-1,060.00	Perkhidmatan
49	i) RNA Extraction Using Trizol	Per sample	200.00-250.00	260.00-280.00	300.00-350.00	Perkhidmatan
	ii) RNA Extraction Using Trizol With expert intrepretation	Per sample	720.00-940.00	790.00-1,020.00	850.00-1,100.00	Perkhidmatan
50	i) cDNA Synthesis	Per sample	120.00-140.00	150.00-180.00	200.00-250.00	Perkhidmatan
	ii) cDNA Synthesis With expert intrepretation	Per sample	590.00-760.00	640.00-830.00	690.00-900.00	Perkhidmatan
51	i) qPCR Assay Development and Validation	1 gene	850.00-900.00	900.00-1,000.00	1,000.00-1,200.00	Perkhidmatan
	ii) qPCR Assay Development and Validation With expert intrepretation	1 gene	1,280.00-1,660.00	1,400.00-1,800.00	1,500.00-1,900.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
11. MAKMAL GENETIK PERUBATAN, JABATAN SAINS BIOPERUBATAN						
52	i) Verification of cDNA and RNA quality with Agarose Gel Electrophoresis	Per sample	60.00-70.00	75.00-85.00	90.00-100.00	Perkhidmatan
	ii) Verification of cDNA and RNA quality with Agarose Gel Electrophoresis With expert intpretation	Per sample	630.00-820.00	690.00-900.00	745.00-970.00	Perkhidmatan
53	i) Full Report for RTqPCR / HRM	Per Analysis	200.00-250.00	260.00-300.00	300.00-350.00	Perkhidmatan
	ii) Full Report for RTqPCR / HRM With expert intpretation	Per Analysis	1290-1680	1400-1800	1500-1900	Perkhidmatan
54	i) Quantitative real-Time PCR (qPCR) / High Resolution Melting Analysis	1 reaction	15.00-20.00	20.00-25.00	25.00-30.00	Perkhidmatan
	ii) Quantitative real-Time PCR (qPCR) / High Resolution Melting Analysis With expert intpretation	1 reaction	1,290.00-1,680.00	1,400.00-1,830.00	1,500.00-2,000.00	Perkhidmatan
12. MAKMAL FISIOLOGI, JABATAN SAINS BIOPERUBATAN						
55	Inverted Microscope - Imaging System - Olympus CKX41	Per hour	20.00 - 70.00	30.00 - 90.00	45.00 - 100.00	Sewaan
56	Microplate Reader With Fluorescence Detector - Tecan Infinite M200 Absorbance/Fluorescence	Per plate	30.00 - 80.00	40.00 - 100.00	50.00 - 130.00	Sewaan
57	Ultra Low Freezer -80 - SANYO	Per box/month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
58	Sonicator / Ultrasonic Cleaner - KUDOS	Per hour	5.00 - 15.00	10.00 - 25.00	15.00 - 35.00	Sewaan
59	Rotary Evaporator - IKA RV10	Per hour	10.00 - 50.00	15.00 - 60.00	20.00 - 70.00	Sewaan
	Bench Fee include basic facilities (Research)	Per week/student	300.00 - 600.00	400.00 -700.00	500.00 - 800.00	Sewaan
MAKMAL ISYARAT SEL, JABATAN SAINS BIOPERUBATAN						
60	Microscope Compound with Fluorescence and Digital Imaging	per hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan
61	Light Microscope with Imaging System/ Stereo Microscope	Per hour	35.00 - 70.00	40.00 - 80.00	46.00 - 90.00	Sewaan
62	Inverted Microscope	Per hour	15.00 - 70.00	20.00 - 80.00	30.00 - 90.00	Sewaan
64	Refrigerated Centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
65	Magnetic Stirrer	Per hour	13.00 - 17.00	15.00 - 19.00	17.00 - 21.00	Sewaan
66	Balance	Per use	1.00 - 5.00	3.00 - 7.00	5.00 - 9.00	Sewaan
67	Portable PH Meter	Per use	1.00 - 5.00	3.00 - 7.00	5.00 - 9.00	Sewaan
68	Microplate Reader	Per plate	30.00 - 80.00	40.00 - 100.00	50.00 - 130.00	Sewaan
69	Autoclave	Per run	20.00 - 70.00	25.00 - 80.00	35.00 - 90.00	Sewaan
70	Biological safety cabinet	Per hour	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
71	Carbon Dioxide Incubator	Per day	5.00 - 70.00	10.00 - 75.00	15.00 - 95.00	Sewaan
72	Cell culture training	Per training package	750.00 - 850.00	800.00 - 900.00	850.00 - 950.00	Perkhidmatan
73	Bench Fee include basic equipments (Penyelidikan)	Per week/ per student	300.00 - 600.00	400.00 - 700.00	500.00 - 800.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
13. MAKMAL ISYARAT SEL, JABATAN SAINS BIOPERUBATAN						
73	Cell Culture facilities	Per week/ per student	400.00 - 700.00	450.00 - 800.00	500.00 - 900.00	Perkhidmatan
75	Gel Imaging and Documentation System	Per run/ per hour	15.00 - 80.00	25.00 - 90.00	30.00 - 100.00	Perkhidmatan
77	Trans-blot SD semi-dry electrophoretic transfer cell	Per hour	15.00 - 50.00	30.00 - 80.00	45.00 - 100.00	Perkhidmatan
78	Sub-cell GT system	Per hour	15.00 - 50.00	30.00 - 80.00	45.00 - 100.00	Perkhidmatan
79	SDS-Page	Per run	15.00 - 50.00	30.00 - 80.00	45.00 - 100.00	Perkhidmatan
80	Upright Freezer -80	per box/month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
81	Liquid nitrogen storage facility for cell cryopreservation	Per vial / week	6.00 - 10.00	8.00 - 14.00	13.00 - 20.00	Sewaan
14. MAKMAL MIKROBIOLOGI GUNAAN, JABATAN SAINS BIOPERUBATAN						
82	Multigene Gradient Thermal Cycler (PCR)	Per hour	30.00 - 60.00	35.00 - 70.00	40.00 - 80.00	Sewaan
83	Refrigerated Centrifuge	Per hour	15.00 - 35.00	20.00 - 110.00	30.00 - 150.00	Sewaan
84	Incubator	Per day/flask	5.00 - 70.00	10.00 - 75.00	15.00 - 95.00	Sewaan
85	Gel Electrophoresis	Per run	15.00 - 50.00	30.00 - 80.00	45.00 - 100.00	Sewaan
15. MAKMAL TOKSIKOLOGI DAN FARMAKOLOGI, JABATAN SAINS BIOPERUBATAN						
86	Orbital Shaker	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Perkhidmatan
87	Dynamic Aesthesiometer	Harian	45.00 -60.00	50.00 - 75.00	55.00 - 85.00	Perkhidmatan
88	Freeze Dryer	per hari	35.00 - 80.00	50.00 - 100.00	85.00 - 130.00	Sewaan
89	Herb Grinder	per jam	5.00 - 15.00	10.00 - 25.00	15.00 - 35.00	Sewaan
90	Oven	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
91	Freezer -80	per box / month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
92	Spectrophotometer	Hour	20.00 - 50.00	30.00 - 60.00	40.00 - 70.00	Sewaan
93	Refrigerated Centrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
94	Skin Analyzer	per sample	50.00 - 60.00	100.00 - 150.00	150.00 - 200.00	Perkhidmatan
95	Mutagenic Assay (AMES test)	per sample	120.00 - 135.00	150.00 - 180.00	200.00 - 250.00	Perkhidmatan
96	Antioksidan assay - FRAP	per sample	200.00 - 250.00	250.00 - 280.00	300.00 - 350.00	Perkhidmatan
97	Antioksidan assay - ABTS	per sample	200.00 - 250.00	250.00 - 280.00	300.00 - 350.00	Perkhidmatan
98	Antioksidan assay - DPPH	per sample	200.00 - 250.00	250.00 - 280.00	300.00 - 350.00	Perkhidmatan
99	Antioksidan assay - SOD	per sample	200.00 - 250.00	250.00 - 280.00	300.00 - 350.00	Perkhidmatan
100	Antioksidan assay - GSH	per sample	200.00 - 250.00	250.00 - 280.00	300.00 - 350.00	Perkhidmatan
16. MAKMAL BIOLOGI MOLEKUL DAN BIOINFORMATIK, JABATAN SAINS BIOPERUBATAN						
101	MINI-PCR	Per use	15.00 - 30.00	20.00 - 40.00	30.00 - 50.00	Sewaan
102	PCR Thermal cyler	per sesi	35.00 - 60.00	30.00 - 70.00	40.00 - 80.00	Sewaan
103	Autoclave	per run	15.00 -70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
105	Gel imaging and documentation system	Per hour	15.00 - 80.00	25.00 - 90.00	30.00 - 100.00	Sewaan
106	Nano Drop	per sesi	10.00 - 15.00	35.00 - 50.00	40.00 - 60.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
16. MAKMAL BIOLOGI MOLEKUL DAN BIOINFORMATIK, JABATAN SAINS BIOPERUBATAN						
107	Laminar Flow / Biosafety Cabinet / Fume Hood / PCR work station	Per jam	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
108	Centrifuge	Per hour	20.00 - 90.00	25.00 - 150.00	30.00 - 180.00	Sewaan
JABATAN PEMAKANAN						
1	Proximate Analysis: Ash	Per sampel	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
2	Proximate Analysis: Moisture Content	Per sampel	30.00 - 40.00	40.00 - 50.00	50.00 - 60.00	Perkhidmatan
3	Proximate Analysis: Total Dietary Fiber	Per sampel	310.00 - 410.00	350.00 - 450.00	380.00 - 490.00	Perkhidmatan
4	Proximate Analysis: Protein (Kjeldahl Method)	Per batch	430.00 - 550.00	510.00 - 660.00	660.00 - 860.00	Perkhidmatan
5	Proximate Analysis: Fat	Per sampel	120.00 - 130.00	130.00 - 140.00	140.00 - 150.00	Perkhidmatan
6	Metabolic Cage	Per bulan	87.00 - 113.00	96.00 - 125.00	105.00 - 137.00	Sewaan
7	Furnace	Per jam	50.00 - 65.00	65.00 - 85.00	80.00 - 105.00	Sewaan
8	Dry Oven	Per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
9	Incubator	Per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
10	CO2 Incubator	Per hari	5.00 - 70.00	10.00 - 75.00	15.00 - 95.00	Sewaan
11	UV-VIS Spectrophotometer	Per jam	20.00 - 50.00	30.00 - 60.00	40.00 - 70.00	Sewaan
12	Multimode microplate reader	Per plate	30.00 - 80.00	40.00 - 100.00	50.00 - 130.00	Sewaan
13	Rotary Evaporator	Per jam	10.00 - 50.00	15.00 - 60.00	20.00 - 70.00	Sewaan
14	Autoclave	Per run	15.00 - 70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
15	Soxhlet Extraction	Per sampel	53.00 - 319.00	56.00 - 351.00	66.00 - 387.00	Sewaan
16	Centrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
17	Bench fee including basic equipments for research	per minggu/ pelajar	300.00 - 600.00	400.00 - 700.00	500.00 - 800.00	Sewaan
18	Bench Fee including basic facilities for teaching purpose	per hari	Tidak dikenakan bayaran	150.00 -750.00	300.00 - 1,000.00	Sewaan
19	Lufkin Measuring Tape	Per hari	14.00- 19.00	15.00- 20.00	17.00- 22.00	Sewaan
20	Treadmill	Per hari	53.00- 69.00	58.00- 75.00	63.00- 82.00	Sewaan
21	Digital Blood Pressure Set	Per hari	15.00- 19.00	16.00- 21.00	17.00- 22.00	Sewaan
22	Human Weighing Scale	Per hari	15.00- 19.00	16.00- 21.00	17.00- 22.00	Sewaan
23	Nutritionist Pro Software	Per hari	24.00- 31.00	26.00- 34.00	28.00- 37.00	Sewaan
24	Stadiometer	Per hari	16.00 - 21.00	21.00 - 27.00	27.00 - 35.00	Sewaan
25	Skinfold Caliper	Per hari	13.00 - 17.00	17.00 - 22.00	22.00 - 29.00	Sewaan
26	Handgrip Dynamometer	Per hari	16.00 - 21.00	21.00 - 27.00	27.00 - 35.00	Sewaan
27	Handheld Body Composition Monitor	Per hari	19.00 - 25.00	25.00 - 33.00	33.00 - 43.00	Sewaan
28	Baby Scale	Per hari	15.00- 19.00	16.00- 21.00	17.00- 22.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
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17. JABATAN KESIHATAN PERSEKITARAN DAN PEKERJAAN						
1	Sound Level Meter (SLM)	per day	117.00-152.00	128.00-167.00	139.00-180.00	sewaan
2	Dosimeter	per day	117.00-152.00	128.00-167.00	139.00-180.00	sewaan
3	Audiometer	per day	59.00-76.00	64.00-83.00	69.00-90.00	sewaan
4	Calibrator	per day	59.00-76.00	64.00-83.00	69.00-90.00	sewaan
5	WBGT (Ques Temp)	per day	73.00-96.00	80.00-104.00	87.00-113.00	sewaan
6	Lux Meter	per day	29.00-39.00	32.00-41.00	35.00-45.00	sewaan
7	Anthropometer	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
8	Vibration Meter	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
9	Hand grip dynamometer	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
10	Poster Board	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
11	Personal Protection Equipment (PPE)	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
12	walkie talkie	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
13	simple reaction time	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
14	santa ana	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
15	smart TV classroom	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
16	Bioaerosol and Asbestos Sampler	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
17	Altimeter/Barometer	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
18	Ppbrae	per day	73.00-96.00	80.00-104.00	87.00-113.00	sewaan
19	Dustrak	per day	59.00-76.00	64.00-83.00	69.00-90.00	sewaan
20	HOBO meter	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
21	Turbidity meter	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
22	PH meter	per day	29.00-39.00	32.00-41.00	35.99-45.00	sewaan
23	Air sampling Pump (Gillian)	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
24	Sidepak	per day	44.00-57.00	48.00-63.00	52.00-68.00	sewaan
25	Spirometry	per day	15.00-19.00	16.00-21.00	17.00-23.00	sewaan
18. MAKMAL PELBAGAI GUNA, PEJABAT AM DEKAN						
1	Microscope Light (MODEL CX23 Olympus)	per hour	11.00-13.00	11.00-13.00	12.00-16.00	sewaan
2	Autoclave (strile only)	per run	47.00-61.00	51.00-65.00	56.00-73.00	sewaan
3	UV- Visible Spectrophotometer	per day	23.00-50.00	25.00-60.00	30.00-70.00	sewaan
4	bench fee (termasuk peralatan fasiliti untuk pengajaran)	per day	tiada bayaran dikenakan	150.00 - 750.00	300.00 - 1000.00	sewaan
5	Rotary Evaporator	per day	35.00-45.00	39.00-51.00	41.00-53.00	sewaan
19. JABATAN DIETETIK						
1	Kenwood Major Mixer	per hari	16.00 - 21.00	17.00 - 22.00	19.00 - 24.00	Sewaan
2	Samsung Microwave Oven	per hari	6.00 - 7.00	6.00 - 8.00	7.00 - 8.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
19. JABATAN DIETETIK						
3	Convotherm	per hari	259.00 - 337.00	284.00 - 370.00	309.00 - 402.00	Sewaan
4	Satu Unit Dapur : Terdiri daripada 4 stove (boss) dan 1 unit oven (boss), alatan memasak seperti frying pan, periuk, pisau, pinggan, sudu dan sebagainya. Penggunaan unit -unit ; Blender (MX-895M) Hand Mixer (MK-H101N) Food Processor (MK-5070M) Automatic Rice Cooker (SR-E18A) Terhad kepada 1 unit untuk 1 unit dapur. Max kapasiti : 2 orang / unit	per jam	24.00 - 31.00	26.00 - 34.00	29.00 - 37.00	Sewaan
		1/2 hari	120.00 - 156.00	132.00 - 172.00	144.00 - 187.00	
		per hari	217.00 - 282.00	238.00 - 309.00	259.00 - 336.00	
5	Keseluruhan Makmal : Terdiri daripada 16 unit dapur yang mampu menampung kapasiti seramai 32 orang, lengkap dengan alatan kemudahan untuk memasak dan ruang kuliah dengan fasiliti komputer dan LCD projector	per jam	500.00 - 650.00	550.00 - 700.00	600.00 - 750.00	Sewaan
		1/2 hari	1900.00 - 2500.00	2000.00 - 2700.00	2300.00 - 3000.00	
		per hari	3450.00 - 4500.00	3800.00 - 4950.00	4100.00 - 5300.00	
20. MAKMAL KAUNSELING, JABATAN DIETETIK						
1	Konsultasi Individu (1 Jam)	Per Sesi	23.00 - 30.00	26.00 - 30.00	28.00 - 37.00	Perkhidmatan
2	Konsultasi Susulan (30 Minit)	Per Sesi	11.00 - 15.00	13.00 - 17.00	14.00 - 18.00	Perkhidmatan
3	Konsultasi Kumpulan (1 Jam) *Min: 4 Orang/Kumpulan *Max: 10 Orang/Kumpulan	Per Orang/Sesi	6.00 - 7.00	6.00 - 8.00	7.00 - 9.00	Perkhidmatan
4	Konsultasi Kelompok (2 Jam)	Per Orang/Sesi	11.00 - 15.00	13.00 - 17.00	14.00 - 18.00	Perkhidmatan
5	Analisis Kalori	Per Resepi	23.00 - 30.00	26.00 - 33.00	28.00 - 37.00	Perkhidmatan
6	Perancangan Menu (1 Hari)	Per Resepi	11.00 - 15.00	13.00 - 17.00	14.00 - 18.00	Perkhidmatan
7	Perancangan Menu (1 Minggu)	Per Resepi	68.00 - 89.00	100.00 - 128.00	120.00 - 141.00	Perkhidmatan
8	Perancangan Menu (2 Minggu)	Per Resepi	114.00 - 140.00	128.00 - 166.00	141.00 - 184.00	Perkhidmatan
9	Perancangan Menu (1 Bulan)	Per Resepi	228.00 - 296.00	225.00 - 332.00	283.00 - 368.00	Perkhidmatan
10	Corporate Health Screening (Pakej A) **Minimum Tempahan :25 Orang Peserta	Pakej/25 Pax	46.00 - 60.00	51.00 - 66.00	57.00 - 74.00	Perkhidmatan
11	Corporate Health Screening (Pakej B) **Minimum Tempahan :25 Orang Peserta	Pakej/25 Pax	129.00 - 167.00	144.00 - 188.00	160.00 - 208.00	Perkhidmatan
12	Corporate Health Screening (Pakej C) **Minimum Tempahan :25 Orang Peserta	Pakej/25 Pax	689.00 - 895.00	772.00 - 1004.00	856.00 - 1112.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	

**Harga ' Corporate Health Screening ' tidak termasuk kos pengangkutan/penginapan terlibat

SENARAI PERKHIDMATAN CORPORATE HEALTH SCREENING YANG DITAWARKAN MENGIKUT PAKEJ

Corporate Healh Screening merupakan perkhidmatan penilaian tahap kesihatan dan status pemakanan di peringkat komuniti. Sasaran corporate Health Screening adalah daripada syarikat - syarikat atau badan - badan NGO yang berminat untuk menjalankan penilaian status kesihatan di tempat mereka.

Corporate Heatlh Screening yang ditawarkan dalam 3 pakej:-

Pakej A	Pakej B	Pakej C
- Berat - Ketinggian - Indeks Jisim Tubuh (IJT) - Ukurlilit Pinggang - % Lemak Badan - Analisa Penilaian Kesihatan	- Berat - Ketinggian - IJT - Ukurlilit Pinggang - % Lemak Badan - Pengiraan Pengambilan Kalori - Konsultasi Diet	- Berat - Ketinggian - IJT - Ukurlilit Pinggang - % Lemak Badan - Pengiraan Pengambilan Kalori - Konsultasi Diet - Analisa Glukosa (Finger Prick) - Analisa Total Kolesterol (Finger Prick)

21. MAKMAL MIKROBIOLOGI, JABATAN MIKROBIOLOGI PERUBATAN

1	Bench fee include basic facilities (Research)	per minggu/ pelajar	300.00-600.00	400.00-700.00	500.00-800.00	Sewaan
2	PCR thermal cycler/Mastercycler Gradient	Hour	20.00-60.00	30.00-70.00	40.00-80.00	Sewaan
3	Autoclave	Run	15.00 - 70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
4	Fluorescent Microscope with Imaging System	per hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan

22. MAKMAL VIROLOGI, JABATAN MIKROBIOLOGI PERUBATAN

5	Gel documentation system (without print-out)	Run	15.00 - 80.00	25.00 - 90.00	30.00 - 100.00	Sewaan
6	Refrigerated centrifuge	Per hour	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
7	UV-VIS Spectrophotometer	Hour	20.00-50.00	30.00-60.00	40.00-70.00	Sewaan
8	Cell culture facilities	per minggu/ pelajar	400.00-700.00	450.00-800.00	500.00-900.00	Perkhidmatan

23. MAKMAL MIKOLOGI, JABATAN MIKROBIOLOGI PERUBATAN

9	Type 1 ultrapure water	liter	20.00-40.00	30.00- 50.00	40.00- 60.00	Sewaan
10	Biosafety Cabinet Class II /Laminar flow hood/Fume hood/PCR Workstation	per jam	15.00 - 100.00	20.00 - 200.00	30.00 - 300.00	Sewaan
11	Freeze Dryer	per hari	35.00 - 80.00	50.00 - 100.00	85.00 - 130.00	Sewaan
12	Stereo/Upright Microscope with Imaging System	Per hour	35.00 - 70.00	40.00 - 80.00	46.00 - 90.00	Sewaan
13	Autoclave	Run	15.00-70.00	20.00-80.00	35.00 - 90.00	Sewaan

24. MAKMAL PENYEDIAAN MEDIA, JABATAN MIKROBIOLOGI PERUBATAN

14	Autoclave	Run	15.00-70.00	20.00-80.00	35.00 - 90.00	Sewaan
15	Incubator	per day	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
25. MAKMAL PARASITOLOGI, JABATAN MIKROBIOLOGI PERUBATAN						
16	ELISA Reader	Plate	30.00 - 90.00	40.00 - 100.00	50.00 - 130.00	Sewaan
17	Fluorescent Microscope with Imaging System	per hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan
18	Stereo/Upright Microscope with Imaging System	Per hour	35.00 - 70.00	40.00 - 80.00	46.00 - 90.00	Sewaan
19	Inverted Microscope (Research Grade)	Per hour	15.00 - 70.00	20.00 - 80.00	30.00 - 90.00	Sewaan
20	PCR thermal cycler/Mastercycler Gradient	Hour	20.00 - 60.00	30.00 - 70.00	40.00 - 80.00	Sewaan
21	Gel documentation system (without print-out)	Run	15.00-80.00	25.00-90.00	30.00-100.00	Sewaan
22	Bench fee include basic facilities (Research)	per minggu/ pelajar	300.00-600.00	400.00-700.00	500.00-800.00	Sewaan
23	Cell culture facilities	per minggu/ pelajar	400.00-700.00	450.00-800.00	500.00-900.00	Sewaan
24	Biosafety Cabinet Class II /Laminar flow hood/Fume hood/PCR Workstation	Per hour	15.00- 100.00	20.00- 200.00	30.00- 300.00	Sewaan
25	Autoclave	Run	15.00 - 70.00	20.00 - 80.00	35.00 - 90.00	Sewaan
26. MAKMAL LEPTOSPIROSIS, JABATAN MIKROBIOLOGI PERUBATAN						
26	Darkfield Microscope	Per hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan
27	Biosafety Cabinet Class II	Per hour	15.00- 100.00	20.00- 200.00	30.00- 300.00	Sewaan
28	Orbital Shaker Incubator	per hari	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Sewaan
27. JABATAN MIKROBIOLOGI PERUBATAN (ANALISIS SAMPEL)						
29	Antimicrobial Susceptibility Testing (AST)	Per sample/ organism (3 replicates)	100.00-130.00	110.00-140.00	120.00-160.00	Perkhidmatan
30	Minimum Inhibitory Concentration (MIC) & Minimum Bactericidal Concentration (MBC)	Per sample/ organism (3 replicates)	100.00-130.00	110.00-140.00	120.00-160.00	Perkhidmatan
31	Microscopic Agglutination Test (MAT)	per/plate	260.00-350.00	300.00-380.00	350.00-400.00	Perkhidmatan
28. MAKMAL FARMAKOTERAPEUTIK, JABATAN PERUBATAN						
1	Liquid nitrogen storage facility for cell cryopreservation	Per 1.5ml vial / week	6.00-10.00	8.00-14.00	15.00-20.00	Sewaan
2	Freeze Dryer	per hari	35.00 - 80.00	50.00 - 100.00	85.00 - 130.00	Sewaan
3	Inverted Microscope With Imaging System	Per Hour	20.00 - 70.00	30.00 - 90.00	45.00 -110.00	Sewaan
4	Cell Culture Facilities	per minggu/ pelajar	400.00-700.00	450.00-800.00	500.00-900.00	Sewaan
5	SDS Page System (Western Blot)	Per Run	220.00 - 280.00	230.00 - 300.00	240.00 - 320.00	Perkhidmatan
6	Gel Electrophoresis	Per Run	220.00 - 280.00	230.00 - 300.00	240.00 - 320.00	Perkhidmatan
7	Uv/Vis Spectrophotometer	Per Hour	20.00 - 50.00	30.00 - 60.00	40.00 - 70.00	Sewaan
8	Autoclave	Per Run	20.00 - 23.00	22.00 - 25.00	25.00 - 30.00	Sewaan
9	Mammalian Cells Storage Facility	Vial/Week	12.00 - 15.00	15.00 - 17.00	18.00 - 22.00	Sewaan
10	PCR Thermal Cycler	Per Hour	20.00 - 60.00	30.00 - 70.00	40.00 - 80.00	Sewaan
11	Transblotter	Per Gel	30.00 - 35.00	30.00 - 70.00	55.00 - 65.00	Sewaan
12	Homogenizer	Per Hour	165.00 - 180.00	180.00 - 200.00	210.00 - 230.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
28. MAKMAL FARMAKOTERAPEUTIK, JABATAN PERUBATAN						
13	Microplate Reader	Per Plate	30.00 - 80.00	40.00 - 100.00	50.00 - 130.00	Sewaan
16	Fluorescence Microplate	Per Plate	30.00 - 35.00	35.00 - 40.00	40.00 - 45.00	Sewaan
17	Fluorescence Microplate	Per Hour	70.00 - 90.00	90.00 - 110.00	130.00 - 150.00	Sewaan
18	Freezer -80	Per Box/per month	25.00 - 100.00	35.00 - 200.00	45.00 - 300.00	Sewaan
19	Rotary Evaporator	Per Run	10.00 - 50.00	15.00-60.00	20.00-70.00	Sewaan
20	BSC/ Laminar Flow/Fume Hood	Per Hour	15.00-100.00	20.00-200.00	30.00-300.00	Sewaan
29. MAKMAL KEMAHIRAN KLINIKAL, PEJABAT TIMBALAN DEKAN AKADEMIK (PERUBATAN)						
1	Chocking set	Per Day	90-180	135-270	180-360	Sewaan
		Half Day	70-160	115-250	160-340	Sewaan
2	Airway set	Per Day	100-200	150-300	200-400	Sewaan
		Half day	80-180	130-280	180-380	Sewaan
3	Chest Compression set	Per Day	120-240	180-360	240-480	Sewaan
		Half Day	100-220	160-340	220-460	Sewaan
4	Lower body examination set	Per Day	160-320	240-480	320-640	Sewaan
		Half Day	140-300	220-460	300-620	Sewaan
5	Urinary Catatherisation set	Per Day	180-360	270-540	360-720	Sewaan
		Half Day	160-340	250-520	340-700	Sewaan
6	Vascular access set - PICC	Per Day	120-240	180-360	240-480	Sewaan
		Half Day	100-220	160-340	220-460	Sewaan
7	Vascular access set - Blood taking	Per Day	90-180	135-270	180-360	Sewaan
		Half Day	70-160	115-250	160-340	Sewaan
8	Vascular access set - Arterial blood	Per Day	70-140	105-210	140-280	Sewaan
		Half Day	50-120	85-190	120-260	Sewaan
9	ECG machine	Per Day	140-280	210-420	280-560	Sewaan
		Half Day	120-260	190-400	260-540	Sewaan
10	Vital signs device	Per Day	90-180	135-270	180-360	Sewaan
		Half Day	70-160	115-250	160-340	Sewaan
11	Basic model or body part.	Per Day	70-140	105-210	140-280	Sewaan
		Half Day	50-120	85-190	120-260	Sewaan
12	Model - Full body model/ model with interactive feature/electronic component	Per Day	200-400	300-600	400-800	Sewaan
		Half Day	180-380	280-580	380-600	Sewaan
30. MAKMAL TINGKAHLAKU HAIWAN, JABATAN ANATOMI MANUSIA						
1	T-Maze Test	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
2	Open Field Test - OFT	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
3	Open Field Test - Novel Object Recognition Test (NORT)	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
30. MAKMAL TINGKAHLAKU HAIWAN, JABATAN ANATOMI MANUSIA						
4	Elevated Plus Maze Test (EPM)	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
5	Morris Water Maze Test (MWM) - Rats	Per Hari	70.00 - 100.00	95.00 - 150.00	125.00 - 200.00	Perkhidmatan
6	Morris Water Maze Test (MWM) - Mice	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
7	Radial Arm Maze Test	Per Hari	70.00 - 100.00	95.00 - 150.00	125.00 - 200.00	Perkhidmatan
8	Swimming Test	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
9	Animal Behaviour Test Software	Per Hari	50.00 - 100.00	75.00 - 150.00	100.00 - 200.00	Perkhidmatan
10	CODA- Non-Invasive Blood Pressure System (NIBP)	Per Hari	83.00 - 108.00	89.00 - 116.00	97.00 - 126.00	Perkhidmatan
11	T-Maze Test	Per Hari	67.00 - 87.00	72.00 - 93.00	79.00 - 102.00	Sewaan
12	Open Field Test Maze	Per Hari	67.00 - 87.01	72.00 - 93.01	79.00 - 102.01	Sewaan
13	Open Field Test - Novel Object Recognition Test (NORT)	Per Hari	67.00 - 87.02	72.00 - 93.02	79.00 - 102.02	Sewaan
14	Elevated Plus Maze (EPM)	Per Hari	67.00 - 87.03	72.00 - 93.03	79.00 - 102.03	Sewaan
15	Morris Water Maze (MWM) - Rats	Per Hari	69.00 - 91.00	75.00 - 97.00	81.00 - 105.00	Sewaan
16	Morris Water Maze (MWM) - Mice	Per Hari	44.00 - 57.00	48.00 - 63.00	52.00 - 68.00	Sewaan
17	Radial Arm Maze	Per Hari	69.00 - 91.00	75.00 - 97.00	81.00 - 105.00	Sewaan
18	Swimming Test Box	Per Hari	44.00 - 57.00	48.00 - 63.00	52.00 - 68.00	Sewaan
19	Animal Behaviour Test Software	Per Hari	33.00 - 44.00	37.00 - 48.00	40.00 - 52.00	Sewaan
20	CODA- Non-Invasive Blood Pressure System (NIBP)	Per Hari	44.00 - 57.00	48.00 - 63.00	52.00 - 68.00	Sewaan
21	Rodent Guillotine	Per Hari	44.00 - 57.00	48.00 - 63.00	52.00 - 68.00	Sewaan
31. DEWAN DISEKSI ANATOMI (ADH), JABATAN ANATOMI MANUSIA						
1	Dissection Lamp	Per Day	96 - 192	105 - 210	114 - 228	Sewaan
2	Air Filter	Per Day	234 - 468	225 - 510	276 - 552	Sewaan
3	Heavy Duty Table	Per Day	55 - 110	60 - 120	65 - 130	Sewaan
4	Ruang dan Fasiliti	Per Day	300 - 600	450 - 900	750 - 1500	Sewaan
32. BENGKEL ANATOMI, JABATAN ANATOMI MANUSIA						
1	Pembuatan Jar Small (5inch x 5 inch to 5 inch x 9.9 inch)	Per Box	310 - 630	350 - 700	380 - 750	Perkhidmatan
2	Pembuatan Jar Medium (5inch x 10 inch to 5 inch x 14.9 inch)	Per Box	460 - 930	510 - 1030	550 - 1100	Perkhidmatan
3	Pembuatan Jar Large (5inch x 15inch to 5 inch x 19.9 inch)	Per Box	650 - 1300	700 - 1400	760 - 1530	Perkhidmatan
4	Pembuatan Jar Extra Large (5inch x 20inch to 5 inch x 24.9 inch)	Per Box	900 - 1800	980 - 1950	1060 - 2130	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
32. BENGKEL ANATOMI, JABATAN ANATOMI MANUSIA						
5	Penyelenggaraan Jar (Larutan Formalin) Small (5inch x 5 inch to 5 inch x 9.9 inch)	Per Box	110 - 230	120 - 240	130 - 260	Perkhidmatan
6	Penyelenggaraan Jar (Larutan Formalin) Medium (5inch x 10 inch to 5 inch x 14.9 inch)	Per Box	130 - 250	140 - 280	150 - 300	Perkhidmatan
7	Penyelenggaraan Jar (Larutan Formalin) Large (5inch x 15inch to 5 inch x 19.9 inch)	Per Box	140 - 280	150 - 300	160 - 330	Perkhidmatan
8	Penyelenggaraan Jar (Larutan Formalin) Extra Large (5inch x 20inch to 5 inch x 24.9 inch)	Per Box	160 - 330	180 - 350	200 - 400	Perkhidmatan
9	Penyelenggaraan Jar (Larutan Kaiserling) Small (5inch x 5 inch to 5 inch x 9.9 inch)	Per Box	180 - 350	200 - 400	210 - 430	Perkhidmatan
10	Penyelenggaraan Jar (Larutan Kaiserling) Medium (5inch x 10 inch to 5 inch x 14.9 inch)	Per Box	390 - 780	430 - 850	450 - 900	Perkhidmatan
11	Penyelenggaraan Jar (Larutan Kaiserling) Large (5inch x 15inch to 5 inch x 19.9 inch)	Per Box	730 - 1450	800 - 1600	860 - 1730	Perkhidmatan
12	Penyelenggaraan Jar (Larutan Kaiserling) Extra Large (5inch x 20inch to 5 inch x 24.9 inch)	Per Box	1200 - 2400	1300 - 2600	1410 - 2830	Perkhidmatan
33. MUZIUM ANATOMI MANUSIA, JABATAN ANATOMI MANUSIA						
1	Yuran: Touch & Go (no activity)	Per entry / head	10-19	10-21	17-23	Yuran
2	Sewaan model anatomi (kecil)	Per unit / day	111-144	120-156	131-169	Perkhidmatan
3	Sewaan model anatomi (besar)	Per unit / day	440-572	480-624	520-674	Perkhidmatan
4	Sewaan jar spesimen (S)	Per unit / day	191-248	208-271	225-293	Perkhidmatan
5	Sewaan jar spesimen (M)	Per unit / day	249-324	272-353	295-382	Perkhidmatan
6	Sewaan jar spesimen (L)	Per unit / day	293-381	320-416	347-450	Perkhidmatan
7	Sewaan jar spesimen (XL)	Per unit / day	337-439	368-479	399-517	Perkhidmatan
8	Merchandise Muzium Anatomi Manusia	1 unit	3-50	3-50	3-50	Perkhidmatan
34. MAKMAL PENYELIDIKAN ANATOMI DAN HISTOLOGI 1, JABATAN ANATOMI MANUSIA						
1	Sonicator	per run	8.00-10.00	11.00-13.00	13.00-15.00	Perkhidmatan
2	Light Microscope with imaging system/Stereomicroscope	Hour	33.00-40.00	41.00-45.00	46.00-50.00	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
34. MAKMAL PENYELIDIKAN ANATOMI DAN HISTOLOGI 1, JABATAN ANATOMI MANUSIA						
3	Incubator/Oven/Microwave/ Shaker Incubator / Orbital Shaker /	Per Day	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Perkhidmatan
4	Tissue Processing and Embedding	cassette / 1 bloc	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
5	Sectioning (routine slide)	1 slaid	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
6	Sectioning (coated slide)	1 slaid	15.00 - 25.00	20.00 - 35.00	30.00 -50.00	Perkhidmatan
7	Pewarnaan H&E (sahaja)	1 slaid	10.00 - 15.00	13.00 - 20.00	15.00 - 25.00	Perkhidmatan
8	Tissue Processing until H&E staining	1 slaid	30.00 - 40.00	35.00 - 45.00	40.00 - 50.00	Perkhidmatan
9	Pewarnaan Masson Trichrome	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
10	Pewarnaan Oil Red O	1 slaid	55.00 - 65.00	65.00 - 70.00	70.00 - 90.00	Perkhidmatan
11	Pewarnaan Cesyl Violet (Nissl Staining)	1 slaid	33.00 - 44.00	37.00 - 48.00	40.00-52.00	Perkhidmatan
12	Freezer -80 /-20 /Chiller /Refrigerator	per box / month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
13	Bench Fee Include Basic Facilities (Teaching)	1 hari	Tidak di kenakan bayaran	150.00-750.00	300.00-1000.00	Sewaan
14	Bench Fee Include Basic Facilities (Resaearch)	1 week/student	300.00-600.00	400.00-700.00	500.00-800.00	Sewaan
15	Waterbath	1 jam	8-11	8-11	9-12	Sewaan
16	pH metre	1 jam	23-29	24-31	27-35	Sewaan
17	Weighing balance	1 jam	29-39	32-41	35-45	Sewaan
18	Autoclave	1 cycle	23-29	24-31	27-35	Sewaan
19	Rocker	1 jam	8-11	8-11	9-12	Sewaan
20	Magnetic stirrer	1 jam	8-11	8-11	9-12	Sewaan
21	Hot Air Oven	per jam	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
22	ECG	1 unit / hari	44-57	48-63	52-68	Sewaan
23	Sphygmomanometre	1 unit / hari	15-19	16-21	17-23	Sewaan
24	Ophthalmoscope	1 unit / hari	73-96	80-104	87-113	Sewaan
25	Tuning fork	1 unit / hari	8-11	8-11	9-12	Sewaan
26	Tendon hammer	1 unit / hari	8-11	8-11	9-12	Sewaan
27	Toxicity Analysis Assay	per sample	411.00-533.00	448.00-583.00	485.00-629.00	Perkhidmatan
28	Cell culture fasilities	per training	1181.00-1536.00	1283.00-1675.00	1396.00-1810.00	Perkhidmatan
29	ELISA Reader	Plate	40.00-52.00	43.00-56.00	47.00-61.00	Sewaan
30	Microscope light	Per Hour	10.00 - 15.00	20.00 - 30.00	25.00 - 35.00	sewaan
31	Microskop Image Analyser (Kopa/Dino-eye)	Per jam	5.00 - 15.00	10.00 - 20.00	15.00 - 25.00	Sewaan
32	Inverted Microscope	Hour	46.00 - 70.00	56.00 - 80.00	66.00 - 90.00	Sewaan
33	Inverted Microscope with imaging System	Per Hour	20.00 - 70.00	30.00 - 90.00	45.00 -110.00	Sewaan
34	Microscope Compound with Fluorescence and Digital Imaging	Per Hour	25.00 - 160.00	30.00 - 180.00	35.00 - 190.00	Sewaan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
34. MAKMAL PENYELIDIKAN ANATOMI DAN HISTOLOGI 1, JABATAN ANATOMI MANUSIA						
35	CO2 Incubator	per hour	28.00-36.00	31.00-40.00	33.00-44.00	Sewaan
36	Laminar flow	per hour	34.00-44.00	37.00-48.00	40.00-52.00	Sewaan
37	Sonicator Ultrasonic Homogenizer & Grinder	Per hour	5.00 - 15.00	10.00 - 25.00	15.00 - 35.00	Sewaan
38	Liquid Nitrogen sample storage	Per box/week	60.00 - 70.00	65.00 - 75.00	85.00 - 95.00	Sewaan
39	Refrigerated / High speed Centrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
40	Liquid nitrogen storage facility for cell cryopreservation	Per vial / week	6.00-10.00	8.00-14.00	13.00-20.00	Sewaan
41	Tissue Processor dan Embedder	per hari	15.00 - 25.00	20.00 - 30.00	25.00 - 35.00	Sewaan
42	Cryostat	per jam	5.00 - 15.00	10.00 - 20.00	15.00 - 25.00	Sewaan
43	Rotary Microtome	per jam	10.00 - 20.00	15.00 - 25.00	20.00 - 30.00	Sewaan
44	Automated Slide Stainer	per jam	10.00 - 20.00	15.00 - 25.00	20.00 - 30.00	Sewaan
42	Floatation bath	per jam	5.00 - 15.00	10.00 - 20.00	15.00 - 25.00	Sewaan
35. MAKMAL PENYELIDIKAN ANATOMI DAN HISTOLOGI 2, JABATAN ANATOMI MANUSIA						
1	Gel Electrophoresis	Per run	15.00-50.00	30.00-80.00	45.00-100.00	Sewaan
2	Freezer -80 /-20 /Chiller /Refrigerator	per box / month	25.00 - 150.00	35.00 - 200.00	45.00 - 300.00	Sewaan
3	Bench Fee Include Basic Facilities (Teaching)	1 hari	Tidak di kenakan bayaran	150.00-750.00	300.00-1000.00	Sewaan
4	Bench Fee Include Basic Facilities (Resaearch)	1 week/student	300.00-600.00	400.00-700.00	500.00-800.00	Sewaan
5	Sonicator Ultrasonic Homogenizer & Grinder	Per hour	5.00 - 15.00	10.00 - 25.00	15.00 - 35.00	Sewaan
6	Laminar Flow/BSC/Fume hood/PCR workstation	Per hour	15.00 - 100.00	20.00 -200.00	30.00 - 300.00	Sewaan
7	Centrifuge/Refrigerated Centrifuge	Per jam	15.00 - 90.00	20.00 - 110.00	30.00 - 150.00	Sewaan
8	Rotary Evaporator	Per Jam	10.00 - 50.00	15.00 - 60.00	20.00 - 70.00	Sewaan
9	RO Water System	per usage	79-158	86-172	93-186	Sewaan
10	Gel Electrophoresis	Per Run / Service	220.00 - 280.00	230.00 - 300.00	240.00 - 320.00	Perkhidmatan
11	Incubator/Oven/Microwave/ Shaker Incubator / Orbital Shaker /	Per Day	5.00 - 35.00	10.00 - 40.00	15.00 - 45.00	Perkhidmatan
12	Preparation for extraction, distillation, filtration and drying sample	Per Sample	230-290	240-310	260-340	Perkhidmatan
13	Measurement Sample Using of pH meter	per usage	41-82	48-96	90-180	Sewaan
14	Measurement Sample Using of Analytical Balance	per hari	40-80	44-48	48-96	Sewaan
36. MAKMAL ANATOMI, JABATAN ANATOMI MANUSIA						
1	Perkhidmatan mengawet mayat / kadaver	Per Kadaver	2660 - 5330	2910 - 5830	3150 - 6300	Perkhidmatan
2	Kos bahan larutan pengawet dan rawatan kadaver	Per Kadaver	1210 - 2430	1330 - 2650	1430 - 2850	Perkhidmatan
3	Perkhidmatan penyelenggaraan mayat serta simpanannya	Per Kadaver	540 - 1080	590 - 1180	640 - 1280	Perkhidmatan

Bil	Nama Perkhidmatan/ Sewaan/ Produk	Saiz/unit	Kadar (RM)			Jenis Kadar
			UPM (A)	Kerajaan (B)	Swasta (C)	
36. MAKMAL ANATOMI, JABATAN ANATOMI MANUSIA						
4	Perkhidmatan memproses dan penghasilan spesimen tulang-tulang termasuk menyusun mencantumkan mengikut posisi asal	Per Kadaver	20400 - 40800	22260 - 44530	24110 - 48230	Perkhidmatan
5	Perkhidmatan memproses dan penghasilan spesimen tulang-tulang sahaja	Per Kadaver	9930 - 19850	10830 - 21650	11740 - 23480	Perkhidmatan
6	Perkhidmatan penyelenggaraan spesimen tulang	Per Kadaver	2610 -5230	2850 - 5700	3090 - 6180	Perkhidmatan
8	Perkhidmatan penyewaan, penyelenggaraan dan pengurusan satu cadaver lengkap untuk tujuan kursus/bengkel (penggunaan di Rumah Mayat, FPSK, UPM)	Per Kadaver	1280 - 2550	1400 - 2800	1510 - 3030	Perkhidmatan
9	Perkhidmatan penyewaan, penyelenggaraan dan pengurusan satu cadaver lengkap untuk tujuan kursus/bengkel (penggunaan di luar kawasan FPSK,UPM)	Per Kadaver	530 - 1050	580 - 1150	610 - 1230	Perkhidmatan
10	Perkhidmatan penyewaan, penyelenggaraan dan pengurusan bahagian-bahagian kadaver untuk tujuan kursus/bengkel (penggunaan di Rumah Mayat, FPSK, UPM)	Per Kadaver	1010 - 2030	1110 - 2230	1200 - 2400	Perkhidmatan
11	Perkhidmatan penyewaan, penyelenggaraan dan pengurusan bahagian-bahagian kadaver untuk tujuan kursus/bengkel (penggunaan di luar kawasan FPSK,UPM)	Per Kadaver	210 - 420	230 - 460	250 - 500	Perkhidmatan
12	Portyboy Embalming Machine	Per Day	140 - 280	150 - 300	160 - 320	Sewaan
13	Mortuary Freezer	Per Day	261 - 522	285 - 570	309 - 618	Sewaan
14	Meat Saw	Per Day	83 - 166	90 - 180	98 - 196	Sewaan
15	Autopsy Saw	Per Day	96 - 192	105 - 210	114 - 228	Sewaan
16	Cadaver Tank	Per Day	83 - 166	90 - 180	98 - 196	Sewaan
17	Transfer Trolley	Per Day	69 - 138	75 - 130	81 - 162	Sewaan

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