



**FACULTY OF MEDICINE AND HEALTH SCIENCES**  
(LABORATORY INCOME GENERATION SECTION)

**LIST OF LABORATORY SERVICES**

**DEPARTMENT OF PATHOLOGY**

NO	LABORATORY	TYPE OF SERVICES/ ANALYSIS/TEST	UNIT	CHARGES (RM)				NOTES
				FMHS	UPM	GOV	PRIVATE	
1	HEMATOLOGY LAB	Full Blood Picture	1 TEST		30.00	35.00	40.00	Not Available for the time being
		Blood Grouping Tube Method	1 TEST	5.00	5.00	8.00	10.00	
		Coagulation Test	1 TEST	TIADA	TIADA	TIADA	TIADA	Not Available for the time being
		ESR	1 TEST	10.00	12.00	15.00	16.00	
		Blood Smear	1 SLIDE	15.00	30.00	35.00	40.00	
		Flowcytometry FACS CANTO II	PER HOUR	150.00	180.00	200.00	250.00	Rental
		Thermal Cycler	PER SESSION	20.00	25.00	30.00	35.00	Rental
		Nano Drop	PER TEST	20.00	30.00	35.00	40.00	Rental
		Microscope	PER SESSION	10.00	15.00	20.00	25.00	Rental
		Autoclave	PER TEST	10.00	15.00	20.00	25.00	Rental

		Refrigerated Centrifuge	1 TEST	10.00	15.00	20.00	25.00	Rental
		Centrifuge Eppendorf	1 TEST	10.00	15.00	20.00	25.00	Rental
2	MAKMAL CHEMPATH CHEMICAL PATHOLOGY DIAGNOSTIC LAB	Total Bilirubin	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		Total Protein	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		Albumin	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		Globulin	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		ALT	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		ALP	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		GGT	1 TEST		10.00	15.00	20.00	Liver Function Test Using DIRUI CS400
		AST	1 TEST		10.00	15.00	20.00	Cardiac Enzyme Using DIRUI CS400
		ALT	1 TEST		10.00	15.00	20.00	Cardiac Enzyme Using DIRUI CS400
		Creatine Kinase (CK)	1 TEST		10.00	15.00	20.00	Cardiac Enzyme Using DIRUI CS400
		Lactate Dehydrogenase (LDH)	1 TEST		30.00	35.00	40.00	Cardiac Enzyme Using DIRUI CS400
		Digoxin	1 TEST		30.00	35.00	40.00	Cardiac Enzyme Using DIRUI CS400
		Digitoxin	1 TEST		30.00	35.00	40.00	Cardiac Enzyme Using DIRUI CS400
		Myoglobin	1 TEST		30.00	35.00	40.00	Cardiac Enzyme Using DIRUI CS400

	Troponin T	1 TEST		30.00	35.00	40.00	Cardiac Enzyme Using DIRUI CS400
	Urea	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Uric Acid	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Creatinine	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Sodium	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Potassium	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Chloride (Urine)	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	Glucose	1 TEST		10.00	15.00	20.00	Renal Profile DIRUI CS400
	T4	1 TEST		30.00	35.00	40.00	Thyroid Function Test DIRUI CS400
	TSH	1 TEST		50.00	55.00	60.00	Thyroid Function Test DIRUI CS400
	Anti - Tg	1 TEST		50.00	55.00	60.00	Thyroid Function Test DIRUI CS400
	Anti – TPO	1 TEST		50.00	55.00	60.00	Thyroid Function Test DIRUI CS400
	FT3	1 TEST		30.00	35.00	40.00	Thyroid Function Test DIRUI CS400
	FT4	1 TEST		30.00	35.00	40.00	Thyroid Function Test DIRUI CS400
	T3	1 TEST		30.00	35.00	40.00	Thyroid Function Test DIRUI CS400
	T – Uptake	1 TEST		30.00	35.00	40.00	Thyroid Function Test DIRUI CS400
	TG	1 TEST		50.00	55.00	60.00	Thyroid Function Test DIRUI CS400

		Cholesterol	1 TEST		10.00	15.00	20.00	Fasting Lipid Profile Using DIRUI CS400
		Triglycerides	1 TEST		10.00	15.00	20.00	Fasting Lipid Profile Using DIRUI CS400
		HDL	1 TEST		10.00	15.00	20.00	Fasting Lipid Profile Using DIRUI CS400
		LDL	1 TEST		10.00	15.00	20.00	Fasting Lipid Profile Using DIRUI CS400
		Creatine Kinase (CK)	1 TEST		10.00	15.00	20.00	Others (Enzyme And Protein) Using DIRUI CS400
		Ast	1 TEST		10.00	15.00	20.00	Others (Enzyme And Protein) Using DIRUI CS400
		Lactate Dehydrogenase (Ldh)	1 TEST		30.00	35.00	40.00	Others (Enzyme And Protein) Using DIRUI CS400
		Amylase	1 TEST		30.00	35.00	40.00	Others (Enzyme And Protein) Using DIRUI CS400
		C-reactive Protein (Crp)	1 TEST		30.00	35.00	40.00	Others (Enzyme And Protein) Using DIRUI CS400
		Ionized Calcium	1 TEST		10.00	15.00	20.00	Others (Ion And Metal) Using DIRUI CS400
		Total Calcium (Ca)	1 TEST		10.00	15.00	20.00	Others (Ion And Metal) Using DIRUI CS400
		Copper (Cu)	1 TEST		150.00	155.00	160.00	Others (Ion And Metal) Using DIRUI CS400
		Zinc (Zn)	1 TEST		150.00	155.00	160.00	Others (Ion And Metal) Using DIRUI CS400
	Tumour Markers using	Alpha-Fetoprotein (AFP)	1 TEST		50.00	55.00	60.00	Not available for the time being
		CA-125	1 TEST		100.00	105.00	110.00	Not available for the time being
		CA 15-3	1 TEST		100.00	105.00	110.00	Not available for the time being

		CA 19-9	1 TEST		100.00	105.00	110.00	Not available for the time being
		CA 72-4	1 TEST		100.00	105.00	110.00	Not available for the time being
		CEA	1 TEST		50.00	55.00	60.00	Not available for the time being
		Cyfra 21-1 Elecsys 2010 100.00	1 TEST		100.00	105.00	110.00	Not available for the time being
		Prostate Specific	1 TEST		50.00	55.00	60.00	Not available for the time being
		Antigen (Total Psa)	1 TEST		50.00	55.00	60.00	Not available for the time being
	Hormones	Thyroid Stimulating Hormone (TSH)	1 TEST		50.00	55.00	60.00	Not available for the time being
		Free Thyroxine (FT4)	1 TEST		50.00	55.00	60.00	Not available for the time being
		Free Triiodothyronine (FT3)	1 TEST		50.00	55.00	60.00	Not available for the time being
		Adrenocorticotrophic Hormone (ACTH)	1 TEST		50.00	55.00	60.00	Not available for the time being
		Cortisol (0830 H)	1 TEST		50.00	55.00	60.00	Not available for the time being
		Prolactin	1 TEST		50.00	55.00	60.00	Not available for the time being
		Testosterone	1 TEST		50.00	55.00	60.00	Not available for the time being
		Hcgr Stat	1 TEST		50.00	55.00	60.00	Not available for the time being
		Hcg B	1 TEST		50.00	55.00	60.00	Not available for the time being
		Insulin	1 TEST		100.00	105.00	110.00	Not available for the time being
		LH	1 TEST		50.00	55.00	60.00	Not available for the time being

		Estradiol	1 TEST		100.00	105.00	110.00	Not available for the time being
		C-Peptide	1 TEST		100.00	105.00	110.00	Not available for the time being
	Bone Marker using Elecsys 2010	B - Crosslaps	1 TEST		100.00	105.00	110.00	Not available for the time being
		25-(Oh)2 Vitamin D3	1 TEST		100.00	105.00	110.00	Not available for the time being
		Intact Pth	1 TEST		100.00	105.00	110.00	Not available for the time being
		N-Mid Osteocalcin	1 TEST		100.00	105.00	110.00	Not available for the time being
		Total P1np	1 TEST		100.00	105.00	110.00	Not available for the time being
		Infectious Disease using Elecsys 2010/Elisa	Anti-Hav 50.00	1 TEST		50.00	55.00	60.00
	ANTI-HAV Igm		1 TEST		50.00	55.00	60.00	Not available for the time being
	ANTI-Hbc		1 TEST		50.00	55.00	60.00	Not available for the time being
	ANTI-Hbe		1 TEST		50.00	55.00	60.00	Not available for the time being
	ANTI-Hbs		1 TEST		50.00	55.00	60.00	Not available for the time being
	CMV Igg		1 TEST		50.00	55.00	60.00	Not available for the time being
	CMV Igm		1 TEST		50.00	55.00	60.00	Not available for the time being
	Hbeag		1 TEST		50.00	55.00	60.00	Not available for the time being
	Hbsag		1 TEST		50.00	55.00	60.00	Not available for the time being
	Hbsag Confirmatory		1 TEST		50.00	55.00	60.00	Not available for the time being

		Hiv Ag	1 TEST		50.00	55.00	60.00	Not available for the time being
		HIV Ag Confirmatory	1 TEST		50.00	55.00	60.00	Not available for the time being
		HIV Combi	1 TEST		50.00	55.00	60.00	Not available for the time being
		Rubella Igg	1 TEST		50.00	55.00	60.00	Not available for the time being
		Rubella Igm	1 TEST		50.00	55.00	60.00	Not available for the time being
		Toxo Igg	1 TEST		50.00	55.00	60.00	Not available for the time being
		Toxolgm	1 TEST		50.00	55.00	60.00	Not available for the time being
		Refrigerator - National B30 TA	1/entry	50.00	15.00	20.00	25.00	Rental
		2 Full Doors Upright Subzero Chiller	1/entry	50.00	15.00	20.00	25.00	Rental
		Compact Table Centrifuge	1/day	5.00	3.00	5.00	10.00	Rental
		Chest Freezer -80 C- Ing Climas	1/entry	50.00	15.00	20.00	25.00	Rental
		Chest Freezer -20 C – Elba	1/entry	50.00	15.00	20.00	25.00	Rental
		Refrigerator- Samsung SR-24 wmess	1/entry	50.00	15.00	20.00	25.00	Rental
		Elisa Reader	1/kit	5.00	10.00	15.00	20.00	Rental
		Automatic Image Acquisition & Analysis System (Nikon 80i)	1/day	10.00	15.00	20.00	25.00	Rental
3	MAKMAL HISTOPATOLOGI							

(Staining)	H&E	PER SLIDE		20.00	25.00	30.00	Staining
	Alcian Blue-Pas	PER SLIDE		50.00	55.00	60.00	Staining
	Elastic Van Geison	PER SLIDE		50.00	55.00	60.00	Staining
	Immunohistochemical	PER SLIDE		150.00	200.00	250.00	Staining
	Masson Trochrome	PER SLIDE		50.00	55.00	60.00	Staining
	Oil Red O	PER SLIDE		50.00	55.00	60.00	Staining
	Pap	PER SLIDE		50.00	55.00	60.00	Staining
	Van Geison	PER SLIDE		50.00	55.00	60.00	Staining
	Von Kossa	PER SLIDE		50.00	55.00	60.00	Staining
	Ziehl Neelson	PER SLIDE		50.00	55.00	60.00	Staining
	Tissue Processor	PER DAY		10.00	15.00	20.00	Rental
	Real Time PCR Machine	PER HOUR		2.00	5.00	10.00	Rental
	Embedder	PER DAY		10.00	15.00	20.00	Rental
	Cryostat	PER HOUR		3.00	5.00	10.00	Rental
	Rotary Microtome	PER HOUR		2.00	5.00	10.00	Rental
	Automated Slide Stainer	PER HOUR		5.00	10.00	15.00	Rental
	Hot Air Oven	PER HOUR		1.00	3.00	5.00	Rental



4	MAKMAL IMUNOLOGI	B&T Cell Enumeration	1 TEST		150.00			
	Immunology test	2 Lympho Proliferation	1 TEST		150.00			Not available for the time being
		3 HLA Phenotyping (molecular)	1 TEST		200.00			Not available for the time being
		4 HLA Phenotyping (bead array)	1 TEST		500.00			Not Available for The Time Being
		Flow Cytometry Facs Calibur	-					Not Available for The Time Being
		Flow Cytometry LSR Fortessa	PER HOUR	150.00	150.00	195.00	240.00	Rental
		Microscope Flourescence	PER HOUR	20.00	20.00	26.00	32.00	Rental
		Freeze Dryer	PER DAY	50.00	50.00	65.00	80.00	Rental
		Glomax Luminometer	PER HOUR	10.00	10.00	13.00	40.00	Rental
		Cell culture work	PER HOUR	40.00	40.00	52.00	64.00	Rental
		ELISA Reader						Not Available for The Time Being
		ELISA Washer						Not Available for The Time Being
		PCR						Not Available for The Time Being
		Real Time PCR Machine						Not Available for The Time Being