



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

**LIST OF LABORATORY SERVICES**

**DEPARTMENT OF BIOMEDICAL SCIENCES**

NO	LABORATORY	TYPE OF SERVICES/ ANALYSIS/TEST	UNIT	CHARGES (RM)			NOTES
				UPM	GOVERNMENT	PRIVATE	
1	BIOLOGY MOLECULE AND BIOINFORMATICS LAB	Extraction of Nucleic Acid from blood	1 sampel	310.00	330.00	360.00	
		Determination of Quality and Quantity Nucleic Acid	1 sampel	87.00	107.00	147.00	
		Automated RNA Extraction	1 sampel	310.00	330.00	360.00	
		Automated DNA Extraction Except blood sample	1 sampel	310.00	330.00	360.00	
2	STEM CELL RESEARCH LAB (SCRL)	Analysis, isolation and culture of green fluorescent cells using the 'FACS Aria III' machine	PER SESSION (4 HOURS)	1,750.00	1,925.00	2,100.00	
		Cell sorting using the 'FACS Aria III' machine - including 'sheath fluid' and 'cleaning solution'	PER HOUR (1 HOUR)	240.00	264.00	288.00	
		The imaging system using contrast-enhanced fluorescence microscopy					
		The imaging system using phase contrast microscopy					

		Cell storage facility (nitrogen liquid tank)					
3	MEDICAL GENETIC RESEARCH LAB	Genomic DNA Extraction from human blood (whole blood and/or buffy coat)	1 sampel	137.00	143.00	300.00	
		RNA Extraction using Trizol	1 run	192.00	210.00	250.00	
		cDNA Synthesis	1 sampel	115.00	130.00	150.00	
		qPCR Assay development and validation	1 gene	845.00	880.00	900.00	
		Verification of cDNA and RNA quality with Agarose Gel Electrophoresis	1 run	60.00	65.00	85.00	
		Full report for RTqPCR/ RNA	1 req	200.00	215.00	260.00	
		Agarose Gel Electrophoresis	1 run	12.50	13.50	15.50	
		Gel Image Printing on Thermal Paper	1 usage/ 3 images	12.50	13.50	15.50	
		PCR Laminar Flow	1 usage	10.00	12.00	15.00	
		Biosafety Cabinet	1 usage	18.00	21.00	27.00	
		CO2 Incubator	1 usage	10.00	11.50	15.00	
		SDS-PAGE system (Western Blot) + Trans-Blot Turbo		10.00	10.00	11.00	
		Stem Cell/ Tissue Culture facilities		330.00	360.00	400.00	
		Inverted Microscope		19.00	21.00	23.00	
		Cell storage facility (nitrogen liquid tank)		8.00	10.00	15.00	
Autoclave		15.00	20.00	30.00			
4	PHYSIOLOGY LAB	Freeze Dryer - VIRTIS					
		Microplate Reader w Fluorescence Detector					
		Powerlab System					

		Hidrodistillation Set - RESUN					
		Freezer -80C					
		Sonicator - KUDOS					
		Inverted Microscope - OLYMPUS					
		Rotary Evaporator - IKA					
		Co2 Incubator - GALAXY PLUS					
		Liquid Nitrogen Tank					
		Grinder					
		Experimental Animal Observation Room					
5	CELL SIGNALING LAB	Autoclave					
		Fluorescence Microscope with Digital Imaging System					
		Gel Documentation System					
		Microplate Reader					
		Biohazard Safety Cabinet					
		Freezer -80c					
		CO2 Incubator					