

SENARAI HARGA PERKHIDMATAN, SEWAAN DAN PRODUK DI LABORATORI PENYELIDIKAN UBATAN DAN PRODUK SEMULAJADI (NaturMeds)

Petunjuk:

Kategori A : Kakitangan Universiti / Pelajar / Persatuan UPM / Anak Syarikat UPM

Kategori B : Kerajaan / Badan Berkanun / Agensi Kerajaan

Kategori C : Badan Perniagaan Kerajaan / Swasta / Persendirian / Koperasi / Orang Awam

Bil	Nama Perkhidmatan/Sewaan /Produk	Saiz	Kadar (RM)			Jenis Kadar
			Kategori A	Kategori B	Kategori C	
1	Genomelab Genetic Analysis System	Per Hour	220.00	240.00	260.00	Sewaan
2	Multimode microplate reader	Per Plate	44.00	48.00	52.00	Sewaan
3	CO ₂ incubator	Per Day	66.00	72.00	78.00	Sewaan
4	Subcritical water extraction system	Per Hour	260.00	290.00	310.00	Sewaan
5	High Performance Liquid Chromatography	Per Sample	100.00	110.00	120.00	Sewaan
6	Zetasizer	Per Sample	130.00	140.00	160.00	Sewaan Perkhidmatan
7	MTT Assay	Per Sample	420.00	460.00	490.00	Perkhidmatan
8	In vitro antioxidant test: DPPH Scavenging Activity	Per Sample	370.00	410.00	440.00	Perkhidmatan
9	In vitro antioxidant test: ABTS Cation Radical Scavenging Activity	Per Sample	360.00	400.00	430.00	Perkhidmatan
10	In vitro antioxidant test: Ferric Reducing Power	Per Sample	350.00	380.00	420.00	Perkhidmatan
11	In vitro antioxidant test: Iron Chelating Activity	Per Sample	250.00	280.00	300.00	Perkhidmatan
12	In vitro antioxidant test:Total Phenolic Content	Per Sample	350.00	380.00	420.00	Perkhidmatan
13	In vitro antioxidant test:Total Flavonoid Content	Per Sample	240.00	260.00	290.00	Perkhidmatan
14	Solvent Extraction	Per Sample	340.00	370.00	400.00	Perkhidmatan
15	Proximate analysis: Analysis of Lipid	Per Sample	120.00	130.00	140.00	Perkhidmatan
16	Proximate analysis: Analysis of Protein	Per Sample	55.00	60.00	65.00	Perkhidmatan
17	Proximate analysis: Moisture Content	Per Sample	22.00	24.00	26.00	Perkhidmatan
18	Proximate analysis: Ash	Per Sample	22.00	24.00	26.00	Perkhidmatan
19	Flourescence microscope	Per slide	22.00	25.00	27.00	Sewaan
20	PCR thermal cycler	Per hour	33.00	36.00	40.00	Sewaan
21	Real-Time PCR (RT-PCR)	Per hour	99.00	109.00	120.00	Sewaan
22	Nanodrop	Per sample	22.00	24.00	26.00	Sewaan
23	Proximate analysis	Per sample	220.00	242.00	266.00	Perkhidmatan
24	Gas Chromatography Mass Spectrometer (Shimadzu)					Perkhidmatan
	a) GC-MS	Per sample	240.00	270.00	300.00	
	b) DIP (EI)	Per sample	240.00	270.00	300.00	
	c) HEADSPACE	Per sample	280.00	315.00	350.00	
25	Microplate Reader (Tecan) -					Sewaan
	a) Endpoint Reading	Per plate	15.00	20.00	25.00	
	b) Kinetic Reading	Per hour	50.00	55.00	60.00	
26	Freeze Dryer (Labconco)	Per day	20.00	25.00	30.00	Perkhidmatan

Bil	Nama Perkhidmatan/Sewaan /Produk	Saiz	Kadar (RM)			Jenis Kadar
			Kategori A	Kategori B	Kategori C	
27	Freeze Dryer (Labogene)	Per day	60.00	65.00	70.00	Perkhidmatan
28	Large Scale Rotary Evaporator	Per hour	24.00	27.00	30.00	Sewaan
29	Grinder	Per hour	10.00	11.00	12.00	Sewaan
30	Nuclear Magnetic Resonance Spectrometer (NMR) VnmrS 500MHz					Perkhidmatan
	a) Eksperimen 1D : Proton	Per sample	60.00	70.00	80.00	
	Eksperimen 1D : Proton + Presat	Per sample	90.00	105.00	120.00	
	b) Eksperimen 1D : Proton + Presat + CPMG	Per sample	120.00	140.00	160.00	
	c) Eksperimen 1D : ¹³ C	Per hour	60.00	70.00	80.00	
	d) Eksperimen 1D : DEPT	Per hour	70.00	80.00	100.00	
	e) Eksperimen 1D : Selective Excitation 1D	Per sample	160.00	180.00	200.00	
	f) Eksperimen 2D : J-resolved	Per hour	80.00	100.00	125.00	
	g) Eksperimen 2D : COSY	Per sample	100.00	120.00	150.00	
	h) Eksperimen 2D : HSQC	Per hour	80.00	100.00	125.00	
	i) Eksperimen 2D : HMBC	Per hour	80.00	100.00	125.00	
j) Eksperimen 2D : NOESY	Per hour	80.00	100.00	125.00		
31	Liquid Chromatography Mass Spectrometer (Thermo QE Focus)					Perkhidmatan
	a) Qualitative Analysis *Additional RM50.00 for MS/MS	Per injection	253.00	276.00	299.00	
	b) Quantitative Analysis (price /injection x 6 injections of standards and sample + Data Analysis)	Per injection	1,628.00	1,776.00	1,924.00	
	c) Direct Infusion	Per injection	210.00	231.00	252.00	
	d) Data Analysis	Per compound	110.00	120.00	130.00	
	e) Sample Preparation	Per sample	110.00	130.00	150.00	
32	Centrifugal Partitioning Chromatography (CPC)	Per hour	110.00	130.00	150.00	Sewaan
33	High Performance Liquid Chromatography (HPLC)					Perkhidmatan
	a) Qualitative Analysis	Per hour	110.00	130.00	150.00	
	b) Quantitative Analysis (price /injection x 6 injections of standards and sample + Data Analysis)	Per injection	80.00	90.00	100.00	
	c) Data Analysis	Per compound	160.00	180.00	200.00	
	d) Sample Preparation	Per sample	110.00	120.00	130.00	