

PERKARA

: **KADAR CAJ PERKHIDMATAN LABORATORI HASILAN
SEMULAJADI (LHS), INSTITUT BIOSAINS**

KEPUTUSAN JAWATANKUASA TETAP
KEWANGAN (JKTK)

: **BIL. 3 (2014) 25 SEPTEMBER 2014**

MINIT

: **Minit 11/3(2014)**

Bil	Jenis Perkhidmatan	Jenis Analisis/ Catatan	Unit	UPM (RM)	Institusi Kerajaan (RM)	Swasta (RM)
1	Gas Chromatography Mass Spectrometer (Shimadzu)	GC-FID	sample	200.00	225.00	250.00
		GC-MS	sample	240.00	270.00	300.00
		DIP (EI)	sample	240.00	270.00	300.00
		DIP (CI)	sample	280.00	315.00	350.00
		HEADSPACE	sample	280.00	315.00	350.00
2	Gas Chromatography Mass Spectrometer (Thermo)	GC-FID	sample	200.00	225.00	250.00
		GC-MS	sample	240.00	270.00	300.00
		DIP (EI)	sample	240.00	270.00	300.00
		DIP (CI)	sample	280.00	315.00	350.00
3	Microplate Reader (Tecan)	Endpoint Reading	plate	15.00	20.00	25.00
		Kinetic Reading	hour	50.00	55.00	60.00
4	Microplate Reader (Spectra Max Plus)	Endpoint Reading	plate	6.00	7.00	8.00
		Kinetic Reading	hour	26.00	27.00	28.00

Bil	Jenis Perkhidmatan	Jenis Analisis/ Catatan	Unit	UPM (RM)	Institusi Kerajaan (RM)	Swasta (RM)
5	Freeze Dryer (Labconco)	Pengeringan sampel	hari	20.00	25.00	30.00
6	Freeze Dryer (Labogene)	Pengeringan sampel	hari	60.00	65.00	70.00
7	Large Scale Rotary Evaporator	Pengeringan sampel	hour	24.00	27.00	30.00
8	Grinder	Penghancuran sampel	hour	10.00	11.00	12.00
9	Analisis Anti-Inflammatory - Nitric Oxide Inhibition	Endpoint reading	plate	555.00	560.00	565.00
10	Zebrafish Toxicity Assay	Zebrafish Toxicity Assay	sample (96 embryos)	195.00	205.00	215.00
11	Nuclear Magnetic Resonance Spectrometer (NMR) VnmrS 500MHz	Eksperimen 1: Proton	sample	60.00	70.00	80.00
		Eksperimen 1D: Proton + Presat	sample	90.00	105.00	120.00
		Eksperimen 1D: Proton + Presat + CPMG	sample	120.00	140.00	160.00
		Eksperimen 1D: ¹³ C	hour	60.00	70.00	80.00
		Eksperimen 1D: DEPT	hour	70.00	80.00	100.00

Bil	Jenis Perkhidmatan	Jenis Analisis/ Catatan	Unit	UPM (RM)	Institusi Kerajaan (RM)	Swasta (RM)
		Eksperimen 1D Selective Excitation 1D	sample	160.00	180.00	200.00
		Eksperimen 2D: J-resolved	hour	80.00	100.00	125.00
		Eksperimen 2D: COSY	sample	100.00	120.00	150.00
		Eksperimen 2D: HSQC	hour	80.00	100.00	125.00
		Eksperimen 2D: HMBC	hour	80.00	100.00	125.00
		Eksperimen 2D: NOESY	hour	80.00	100.00	125.00
		Eksperimen 2D: TOCSY	hour	80.00	100.00	125.00
12	Alpha-Glucosidase Inhibition Assay	Endpoint reading	plate	20.00	25.00	30.00
13	Alpha-Amylase Inhibition Assay	Endpoint reading	plate	30.00	35.00	40.00

**HUBUNGI : LABORATORI HASILAN SEMULAJADI
INSTITUT BIOSAINS
Universiti Putra Malaysia
43400 Serdang
Selangor Darul Ehsan
MALAYSIA**

Tel. : 03-89471477 (Laboratori Hasil Semulajadi)

Tel. : 03-89472128 (Ketua Pentadbiran)

Tel. : 03-89472111 (General Line)

Faks : 03-89472101

Emel : dir.ibs@upm.edu.my