

BORANG PENGURUSAN MAKMAL
BORANG PERMOHONAN UJIAN DAN PENGGUNAAN
PERALATAN DI MAKMAL UMBI

DOK.NO. : **LM – F054**
BIL. ISU : 1.0
BIL. SEMAKAN : 3
TARIKH KUATKUASA: 08 – 06 – 2015
MUKA SURAT : 1 - 3

MAKLUMAT PEMOHON / PENGGUNA

NAMA	
STATUS: PENYELIDIK/PELAJAR/DLL.	
JABATAN/INSTITUSI (ALAMAT PENUH)	
TELEFON (PEJABAT)	
TELEFON (BIMBIT)	
ALAMAT EMEL	
TARIKH PERMOHONAN DIBUAT	
KEPERLUAN LATIHAN PENGGUNAAN	* YA / TIDAK (*sila potong mana yang tidak berkenaan).
KOLABORASI DENGAN UMBI	* YA / TIDAK (*sila potong mana yang tidak berkenaan).

(Jika 'YA', nyatakan nama penyelidik bersama di UMBI: _____)

JENIS PERALATAN & KEMUDAHAN. (SILA TANDAKAN ✓)		BIL. DIPERLUKAN	
1. Life Technologies Ion Proton™ System			Run
2. Life Technologies Ion PGM™ System			Run
3. Life Technologies Ion Chef™ System			Run
4. Illumina MiSeq System			Run
5. Illumina HiSeq™ 3000 Sequencing System			Lane
6. ABI 3130xL Genetic Analyzer			Test
7. ABI 3500 Genetic Analyzer			Test
8. Alpha Innotech Gel Documentation System			Day
9. Vilber Lourmat Gel Documentation System			Day
10. Illumina RNA Microarray- Full service			Test
11. Illumina Infinium Genotyping - Sample preparation service			Test
12. Illumina Methylation Microarray - Sample preparation service			Test
13. Illumina Microarray - Imaging service			Test
14. Affymetrix RNA Microarray - Sample preparation service for 3' IVT gene expression			Test
15. Affymetrix RNA Microarray - Sample preparation service for exon expression			Test
16. Affymetrix MicroRNA Microarray - Sample Preparation Service			Array
17. Affymetrix RNA/microRNA Microarray - Hybridisation service			Array
18. Affymetrix RNA/microRNA Microarray - Imaging service			Array
19. Affymetrix DNA Microarray - SNP 6.0 Genotyping - Sample preparation service			Test
20. Affymetrix DNA Microarray - SNP 6.0 Genotyping - Hybridisation service			Array
21. Affymetrix DNA Microarray - SNP 6.0 Genotyping - Imaging service			Array
22. Thermo Fisher NanoDrop™ ND1000 Spectrophotometer			Hour
23. Thermo Fisher NanoDrop™ ND2000 Spectrophotometer			Hour

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JENIS PERALATAN & KEMUDAHAN. (SILA TANDAKAN ✓)		BIL. DIPERLUKAN	
24. Agilent Technologies 2100 Bioanalyzer System			Pico Chip
25. Advanced Analytical Fragment Analyzer			Test
26. Life Technologies Qubit® Fluorometric System			Hour
27. Covaris Hydroshear			Day
28. Biorad CFX 96 Real Time PCR			Hour
29. Corbett Rotor Gene Real Time PCR			Hour
30. ABI 7500 Fast qPCR System (Real Time PCR)			Hour
31. Life Technologies Veriti 96-Well Thermal Cycler			Hour
32. Eppendorf Concentrator Plus			Hour
33. E-Gel iBase Power System			Run
34. DNA electrophoresis			Gel
35. Automated Tissue Processor			Day
36. MINICORE® Tissue Arrayer			Day
37. Leica Cryostat			Day
38. Thermo Scientific Shandon™ FINESSE™ ME+ Microtome			Day
39. Thermo Scientific HM 340 E Electronic Rotary Microtome			Day
40. Bio-Rad Microrotofor Cell			Hour
41. 2D Electrophoresis System			Test
42. 2D Imaging System Scanner			Scan
43. GE DIGE Imager Scanner			Scan
44. GE Automated Spot Picker			Day
45. Mass Spectrometry Analysis (Waters Q-ToF Premier™ with nanoAcquity UPLC) – method development			Method
46. Mass Spectrometry Analysis (Waters Q-ToF Premier™ with nanoAcquity UPLC)			Test
47. SWATH Mass Spectrometry Analysis (ABSciex 5600+ LCMS Triple TOF)			Test
48. Mini Protean 3 Electrophoresis cell			Day
49. Bio-Rad Mini Transblot Cell			Day
50. Bio-Rad Transblot Turbo Transfer System			Day
51. ChemiDoc MP Imaging System			Day
52. Beckman Coulter Optima™ XE100 Ultracentrifuge			Hour
53. HPLC services – method development			Method
54. HPLC services – analysis			Test
55. Molecular Devices Spectramax Luminometer			96-well plate
56. Thermo Varioskan Flash Multimode Microplate Reader			96-well plate
57. Biotek EL800 Microplate Reader (Absorbance only)			96-well plate
58. PG Instrument UV-VIS Spectrophotometer			96-well plate
59. Caliper Nitrogen Evaporator			Run
60. Labconco Refrigerated Centrifugal Vacuum Evaporator			Run

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JENIS PERALATAN & KEMUDAHAN. (SILA TANDAKAN ✓)		BIL. DIPERLUKAN	
61. BD FACs Verse Flowcytometry (Binding Analysis)			Hour
62. BD FACS Aria II Flowcytometry (Binding Analysis & Cell sorting)			Hour
63. Light microscope			Day
64. Inverted Microscope			Day
65. Fluorescent Microscope			Day
66. Leica SP5 Confocal Microscope			Day
67. Cell Culture Training			Training
68. Cell Culture Facilities (Biosafety Class II cabinet, CO2 incubator, inverted microscope, cell counting equipment)			Week
69. Animal cage			Cage
70. I-Box			Hour
71. Water maze			Hour
72. Benchtop multipurpose fixed angle centrifuge			Day
73. Biosafety Cabinet			Day
74. Incubator Shaker			Day
75. Incubator			Day
76. Infectious Diseases Lab (BSL 2 lab) (biosafety cabinet, incubator shaker, incubator, centrifuge and autoclave usage)			Day
77. C. elegans laboratory (stereomicroscope, incubator and centrifuge usage)			Day
78. Pathway Studio Software			Day
79. Partek Software			Day
80. CLC Bio 8.0 Software			Day
81. Oncomine Software			Day
82. Genome Studio Software			Day
83. Progenesis LCMS Software			Day
84. Progenesis SameSpot Software			Day
85. PLGS Software			Day

KEGUNAAN PEJABAT DAN MAKMAL			
Tarikh penerimaan borang			
Kelulusan (Sila tandakan ✓)	☐	Ujian dilakukan oleh staf UMBI	☐
	☐	Penggunaan alat dengan latihan	☐
	☐	Penggunaan alat dengan penyeliaan	☐
	☐		☐
		Penggunaan tanpa latihan/penyeliaan Perkhidmatan yang dikenakan bayaran Perkhidmatan tanpa bayaran	
		Nama staf UMBI yang bertanggungjawab : _____	
Pengesahan Kelulusan (Tandatangan & cop rasmi)			
Tarikh diluluskan		_____	