



## BORANG TEMPAHAN BAHAN PENYELIDIKAN SAINTIFIK

*Booking Form (Apparatus/Equipment/Disposable items)*

1. **Nama Pemohon** : \_\_\_\_\_  
*Applicant's Name*
2. **No. Pekerja / Pelajar / I.C** : \_\_\_\_\_  
*Staff / Student I.D / I.C*
3. **Tujuan Penggunaan** : \_\_\_\_\_  
*Purpose*
4. **Tarikh Penggunaan** : \_\_\_\_\_  
*Date of Use*
5. **Durasi Penggunaan** : \_\_\_\_\_  
*Usage Duration*
6. **Nama Penyelia (Penyelidikan)** : \_\_\_\_\_  
*Supervisor's Name (Research)*

**\*Senarai radas rujuk lampiran 1**

**Tandatangan Pemohon**  
*Applicant Signature*

\_\_\_\_\_  
(  
**No. Telefon / Phone No. :**

**(Untuk Kegunaan Pejabat)**  
*( For Office Use Only)*

**Application Accepted / Not Accepted On The Date**  
*Permohonan diterima / tidak diterima*

**Science Officer Signature,**

\_\_\_\_\_  
( **Stamp & Sign** )

\* **Borang ini PERLU dihantar 3 hari sebelum tarikh penggunaan.**

*(DO SUBMIT this form 3 day before date of use)*

\*\* **Maklumbalas dalam tempoh DUA (2) hari.**

*(Will be replied TWO (2) days after form submitted)*

**LAMPIRAN 1**
**SENARAI BAHAN PAKAI BUANG/RADAS  
NAMA PEGAWAI BERTANGGUNGJAWAB:  
SUHAIDAH BINTI KAMARUDDIN**

BAHAN PAKAI BUANG			
NO	NAMA	SILA (✓)	KUANTITI
1.	DISPOSABLE PASTEUR PIPETTE		
2.	1.8MLCRYOGENIC VIALS		
3.	24 WELL CELL CULTURE CLUSTER		
4.	25CM2 TISSUE CULTURE FLASK		
5.	75CM2 TISSUE CULTURE FLASK		
6.	96 WELL CELL CULTURE CLUSTER		
7.	ALCOHOL SWAB		
8.	ALUMINIUM FOIL 7.62M		
9.	APPLICATOR STICK		
10.	BIOHAZARD PLASTIC 100 MM X 100MM		
11.	BIOHAZARD PLASTIC 18 X 18.5		
12.	BIOHAZARD PLASTIC 700 MM X 700MM		
13.	CENTRIFUGE TUBE 15 ML		
14.	CENTRIFUGE TUBE 50 ML		
15.	COTTOM SWAB		
16.	FILTERPAPER WHATMAN NO 2		
17.	FILTERPAPER WHATMAN NO 1		
18.	GLOVE SIZE L		
19.	GLOVE SIZE M		
20.	GLOVE SIZE S		
21.	GLOVE SIZE XS		
22.	HAND SANITIZER REFILL		
23.	HAND TOWELS		
24.	HAND WASH REFILL		
25.	INNOCULATING LOOP 10UL		
26.	MICROCENTRIFUGE TUBE 1.5ML WITH CAP		
27.	MICROSCOPE SLIDE		
28.	PETRI DISH		
29.	PIPET TIP 0.1-10UL		
30.	PIPET TIPS 101-1000 ul (BLUE)		
31.	PIPET TIPS 1-200 ul (YELLOW)		
32.	SAFE LOCK TUBE 0.2ML		
33.	SYRINGE FILTER 0.2µM DIAMETER 25MM		
34.	SYRINGE FILTER 0.22µ DIAMETER 25MM		
35.	URIN PROBER		
36.	URINE CONTAINER		
37.	SYRINGE WITHOUT NEEDLE		
38.	WOODEN TONGUE DEPRESSOR (ADULT)		
39.			

RADAS (KACA)			
NO	NAMA	SILA (✓)	KUANTITI
1.	BURET 100ML		
2.	BURET 500ML		
3.	BURET 50ML		
4.	BURET 25MM		
5.	LABORATORY BOTTLE 50ML		
6.	LABORATORY BOTTLE 100ML		
7.	LABORATORY BOTTLE 250ML		
8.	LABORATORY BOTTLE 500ML		
9.	LABORATORY BOTTLE 1000ML		
10.	FILTER FUNNEL 75MM		
11.	FILTER FUNNEL 70MM		
12.	FILTER FUNNEL 80MM		
13.	FILTER FUNNEL (100ML)		
14.	MORTAR & PESTLE SMALL		
15.	MORTAR & PESTLE 160MM		
16.	VIAL BOTTLE 10ML		
17.	VIAL BOTTLE 20ML		
18.	CONICAL FLASK 1000ML		
19.	CONICAL FLASK 100ML		
20.	CONICAL FLASK 250ML		
21.	CONICAL FLASK 500ML		
22.	CONICAL FLASK 50ML		
23.	CONICAL FLASK 25ML		
24.	UNIVERSAL BOTTLE		
25.	LABORATORY BOTTLE(WHITE)		
26.	LABORATORY BOTTLE(DARK)		
27.	GRADUATED CYLINDER 5ML		
28.	GRADUATED CYLINDER 1000ML		
29.	GRADUATED CYLINDER 500ML		
30.	GRADUATED CYLINDER 250ML		
31.	GRADUATED CYLINDER 100ML		
32.	GRADUATED CYLINDER 50ML		
33.	GRADUATED CYLINDER 25ML		
34.	GRADUATED CYLINDER 10ML		
35.	VOLUMETRIC FLASK 5ML		
36.	VOLUMETRIC FLASK 10ML		
37.	VOLUMETRIC FLASK 25ML		
38.	VOLUMETRIC FLASK 50ML		
39.	VOLUMETRIC FLASK 100ML		
40.	VOLUMETRIC FLASK 200ML		
41.	VOLUMETRIC FLASK 500ML		
42.	VOLUMETRIC FLASK 1000ML		

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43.	GLASS AMBER DROPPER 10ML		
44.	GLASS AMBER DROPPER 15ML		
45.	BEAKER 1000ML		
46.	BEAKER 600ML		
47.	BEAKER 500ML		
48.	BEAKER 400ML		
49.	BEAKER 250ML		
50.	BEAKER 100ML		
51.	BEAKER 50ML		
52.	BEAKER 25ML		
53.	BEAKER 10ML		
54.	TEST TUBE 10 X 75ML		
55.	TEST TUBE 12 X 75ML		
56.	TEST TUBE 15 X 125MM		
57.	TEST TUBE 18 X 150 ML		
58.	TEST TUBE 15 X 125MM		
59.	TUBE TUBE 10 X 152MM		
60.	TEST TUBE RIMLESS 10X75MM		
61.	TEST TUBE RIMLESS 12X100MM		
62.	TEST TUBE RIMLESS 16X125MM		
63.	ROUND BOTTLE 500ML		
64.	ROUND BOTTLE 1000ML		
65.			

**RADAS (PLASTIK)**

NO	NAMA	SILA (√)	KUANTITI
1	BEAKER WMEG 2000ML		
2	BEAKER WMEG 1000ML		
3	PLASTIC STRAINER		
4	FUNNEL(BIG)		
5	MEASURING JUG 2000ML		
6	MEASURING JUG 1000ML		
7	CONICAL FLASK 1000ML		
8	CONICAL FLASK 2000ML		
9	CONICAL FLASK 500ML		
10	CONICAL FLASK 250ML		
11	CONICAL FLASK 125ML		
12	CONICAL FLASK 50ML		
13	GRADUATED CYLINDER 2000ML		
14	GRADUATED CYLINDER 250ML		
15	GRADUATED CYLINDER 500ML		

**RADAS/LAIN-LAIN**

NO	NAMA	SILA (√)	KUANTITI
1.	MAGNETIC STIRRING BAR		
2.	BOTTLE BRUSH (LONG)		
3.	BOTTLE BRUSH (SMALL)		
4.	CENTRIFUGE RACK 50ML		
5.	CHEMICAL RESISTANT GLOVES		

6.	CHEMICAL RESISTANT GLOVES		
7.	CONTAMINATED SHARP BIN 10 LITER		
8.	CONTAMINATED SHARP BIN 5 LITER		
9.	CORK BORER		
10.	CRYVIAL STORAGES BOXES		
11.	CRYVIAL TUBES 2.0ML		
12.	CUVVETE		
13.	DEB INSTANT FOAM DISPENSER		
14.	HEAVY DUTY GLOVE (S)		
15.	LABORATORY TROLLEY (2 TINGKAT)		
16.	MASK 3PLY		
17.	METAL TRAY		
18.	MICROCENTRIFUGE TUBE RACK (1-2ML)		
19.	MICROPIPPETE 0.5 – 10ul		
20.	MICROPIPPETE 10 – 100ul		
21.	MICROPIPPETE 100 – 1000ul		
22.	MIKROZID		
23.	MULTICHANNEL PIPETTOR 8 CHANNEL		
24.	N96NIOSH		
25.	PARAFILM		
26.	PARAMOUNT BLADES		
27.	PEDAL CLINICAL WASTE BIN		
28.	PIPET/BURET STAND-CIRCULAR 94 HOLES		
29.	PIPETS TIPS RACK 1000UL		
30.	PIPETS TIPS RACK 10UL		
31.	PIPETS TIPS RACK 200UL		
32.	PRESSURE REGULATOR		
33.	PTPE RETRIEVER 250LX10MM		
34.	RACK CENTRIFUGE TUBE 0.2		
35.	SAFETY GLASSES		
36.	STAINLESS STEEL SPATULA FORCEP SHARP 150MM		
37.	STAINLESS STEEL TRAY 30X40MM		
38.	STAINLESS STEEL/PLASTIC SPATULA		
39.	TEST TUBE RACK		
40.	THERMOMETER		
41.	TONG BEAKER STAINLESS STEEL		
42.	TRIPOD		
43.	WASH BOTTLE		
44.	WEIGH DISH		
45.	WIRE GAUZE		
46.	WOODEN STICK		
47.	FORCEP STAINLESS STEEL		
48.	FORCEP STAINLESS STEEL (LARGE)		

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**NAMA PEGAWAI BERTANGGUNGJAWAB:  
NORWANI BINTI MOHAMAD**

MEDIA (MICRO)			
BIL	NAMA	SILA (√)	KUANTITI
<b>MERCK</b>			
1.	NUTRIENT AGAR 500G		
2.	NUTRIENT BROTH 500G		
3.	POTATO DEXTROSE AGAR 500G		
4.	MULLER HINTON AGAR 500G		
5.	MULLER HINTON BROTH 500G		
6.	SABOURAUD DEXTROSE AGAR 500G		
7.	MAC CONKEY AGAR 500G		
8.	TRYPTIC SOY AGAR 500G		
9.	TCBS AGAR 500G		
10.	BRAIN HEART AGAR 500G		
11.	BRAIN HEART INFUSION BROTH 500G		
12.	YEAST EXTRACT 500G		
13.	TRIPLE SUGAR IRON 500G		
14.	MR-VP BROTH 500G		
<b>OXOID</b>			
15.	NUTRIENT AGAR 500G		
16.	COOKED MEAT MEDIUM 500G		
17.	SIMMONS CITRATE AGAR 500G		
18.	TCBS AGAR 500G		
19.	MAC CONKEY AGAR 500G		
20.	SABOURAUD DEXTROSE AGAR 500G		
21.	BACTERIOLOGICAL PEPTONE 500G		
22.	CLED AGAR 500G		

MEDIA (MICRO)			
BIL	NAMA	SILA (√)	KUANTITI
<b>BD</b>			
23.	TRYPTIC SOY AGAR 500G		
24.	TRYPTIC SOY AGAR W/O DEXTROSE 500G		
<b>HIMEDIA</b>			
25.	MITIS SALIVARIUS AGAR BASE 500G		
26.	COOKED MEAT MEDIUM 500G		
27.	SABOURAUD DEXTROSE AGAR 500G		
28.	SOYBEAN CASEIN DIGEST MEDIUM 500G		
29.	BRAIN HEART INFUSION BROTH 500G		
30.	POTATO DEXTROSE BROTH 500G		
31.	BRAIN HEART INFUSION AGAR 500G		
32.	MULLER HINTON AGAR 500G		
33.	YEAST 500G		
34.	TCBS AGAR 500G		
35.	MAC CONKEY AGAR 500G		
36.	MITIS SALIVARIUS AGAR BASE 500G		
37.	COOKED MEAT MEDIUM 500G		
38.	SABOURAUD DEXTROSE AGAR 500G		
39.	SOYBEAN CASEIN DIGEST MEDIUM 500G		
40.	BRAIN HEART INFUSION BROTH 500G		
41.	POTATO DEXTROSE BROTH 500G		

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**NAMA PEGAWAI BERTANGGUNGJAWAB:  
ZATUL' -IFFAH OMAR  
SITI HAFIDAH ABDUL LATIFF**

BAHAN KIMIA			
BIL	NAMA	SILA (v)	KUANTITI
1	(3-Glycidyoxypropyl) trimethoxysilane		
2	1,4-Dioxane		
3	Acetic acid		
4	Acetone		
5	Acetonitrile		
6	Acetoxyacetone		
7	Albumin		
8	Ammonium hydrogen phosphate		
9	Ammonium molybdate (powder)		
10	Ammonium oxalate monohydrate		
11	Ammonium sulfate		
12	B-caryophyllene		
13	Butanol		
14	Calcium chloride		
15	Calcon		
16	Carvacrol		
17	Chloroform		
18	Citric acid		
19	D (+) Glucose		
20	Dichloromethane		
21	Dimethyl sulfoxide		
22	DMEM high glucose w/o L-Glutamine w/o sodium pyruvate		
23	DPX mountant		
24	Erythrosin B		
25	Ethanol (Ethyl alcohol)		
26	Ethylenediaminetetraacetic acid disodium salt		

BIL	NAMA	SILA (v)	KUANTITI
27	Ethylenediaminetetraacetic acid disodium salt		
28	Extran		
29	Fetal bovine serum		
30	Fibroblast medium		
31	Formaldehyde solution		
32	Glutaraldehyde		
33	Glycerol		
34	Heptane		
35	Hexane		
36	Hydrochloric acid		
37	Hydrogen peroxide		
38	Hydroxypropyl methyl cellulose		
39	Iodine solution		
40	Iso phthalaldehyde		
41	Lactic acid		
42	L-ascorbic acid		
43	Lead		
44	Methanol		
45	Methyl red		
46	MTT Formazon		
47	Nitric acid		
48	n-Propil alcohol		
49	Osmium tetroxide		
50	Paraformaldehyde		
51	PBS tablets		
52	Pectin from citrus peel		
53	Periodic acidschiff pas kit		
54	Phenol crystal		
55	Phosphate buffered saline		
56	Potassium chloride		
57	Potassium dihydrophan phosphate		
58	Potassium hexacyano ferrate (II) trihydrate		
59	Potassium hydroxide		
60	Potassium phosphate monobase		
61	Potassium thiocyanate		
62	Sea sand		

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BIL	NAMA	SILA (√)	KUANTITI
63	Silica gel		
64	Sodium acetate		
65	Sodium acetate trihydrate		
66	Sodium cacodylate		
67	Sodium chloride		
68	Sodium dihydrogen phosphate		
69	Sodium hydroxide (pellets)		
70	Sodium hydroxide solution		
71	Sodium nitroferricyanide (II) dihydrate		
72	Sodium nitroprusside		
73	Sodium phosphate dibasic		
74	Sodium sulphate		
75	Sucrose		
76	Surgipath reagent alcohol 100% gallon		
77	Tin (II) chloride		
78	Tri Ammonium orthophosphate 3-hydrate		
79	Tris (hydroxymethyl) amino methane		
80	Tryethylamine		
81	Trypan blue solution 0.4%		
82	Trypsin-EDTA 1X W/O calcium w/o magnesium w/ phenol red		
83	Thiazolyl blue tetrazolium bromide		
84	Trypsin-EDTA 10x 100ml		
85	Urea		
86	Xylene		
87	Isopropanol		
88	Thymol		

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