




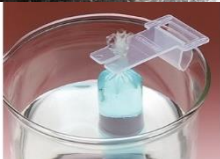

الاحتياجات التشغيلية لمختبر الأحياء في كلية الطب للعام الدراسي 2023/2022



No.	Item	Description	Unit	Qty.	price	total
Equipment						
1	Compound light microscope with pointer	Binocular	Piece	10		
2	Gel documentation system	-	Piece	1		
3	Tuttnauer autoclave basket (Instrument accessory)	Fully perforated , compatible with 3870ELV-D model	Piece	1		
No.	Item	Description	Unit	Qty.	price	total
Materials						
1	Blood agar base	-	Bottle of 500gm	1		
2	Nutrient agar	-	Bottle of 500gm	1		
3	Sulphide Indole Motility (SIM) medium	-	Bottle of 500gm	1		
4	Urease test broth	-	Bottle of 500gm	1		
5	Urea reagent	-	Vial of 5ml	10		
6	Gram stain kit	-	Kit of 4 bottles	2		
7	Oxidase test discs	Discs not strips	Vial of 50 discs	4		
8	6.5% NaCl broth	-	Bottle of 500gm	1		
9	Bacitracin discs (0.04U)	With single vial dispenser	Vial of 50 discs	3		
10	Optochin discs (5µg)	With single vial dispenser	Vial of 50 discs	3		
11	Cotrimoxazole discs (1.25µg /23.75µg)	With single vial dispenser	Vial of 50 discs	5		
12	Penicillin G discs (10U)	With single vial dispenser	Vial of 50 discs	5		
13	Streptomycin S discs (10µg)	With single vial dispenser With single vial dispenser	Vial of 50 discs	5		
14	Tetracycline discs (30µg)	With single vial dispenser	Vial of 50 discs	5		
15	Chloramphenicol	With single vial	Vial of 50	2		

	C discs (30µg)	dispenser	discs			
16	Gentamicin discs (10µg)	With single vial dispenser	Vial of 50 discs	5		
17	Vancomycin discs (30µg)	With single vial dispenser	Vial of 50 discs	7		
18	Sulfisoxazole discs (150µg)	With single vial dispenser	Vial of 50 discs	5		
19	Trimethoprim discs (5µg)	With single vial dispenser	Vial of 50 discs	5		
20	Clindamycin discs (10µg)	With single vial dispenser	Vial of 50 discs	5		
21	Cefoxitin discs (30µg)	With single vial dispenser	Vial of 50 discs	5		
22	Amoxicillin with clavulanic acid (20µg/10µg)	With single vial dispenser	Vial of 50 discs	1		
23	Amickacin discs (30µg)	With single vial dispenser	Vial of 50 discs	3		
24	Ertapenem discs (10µg)	With single vial dispenser	Vial of 50 discs	3		
25	Meropenem discs (10µg)	With single vial dispenser	Vial of 50 discs	3		
26	Ceftazidime discs (30µg)	With single vial dispenser	Vial of 50 discs	5		
27	Piperacillin-tazobactam discs (100µg/10µg)	With single vial dispenser	Vial of 50 discs	2		
28	Cefotaxime discs (30µg)	With single vial dispenser	Vial of 50 discs	5		
29	Cefotaxime with clavulanic acid discs (30µg/10µg)	With single vial dispenser	Vial of 50 discs	5		
30	Ceftazidime with clavulanic acid discs (30µg/10µg)	With single vial dispenser	Vial of 50 discs	5		
31	Vancomycin E test strips	-	Pack of 10 strips	1		
32	Copper (II) sulfate/ CuSo4(s)	-	Bottle of 500gm	1		
33	Albumin from chicken egg white powder	from SIGMA (A5253)	Bottle of 250gm	1		
34	Albumin powder	-	Bottle of 100gm	1		
35	Ninhydrin reagent	-	Bottle of 25gm	1		
36	Proline powder (a.a)	-	Bottle of 500gm	1		

37	Tryptophan powder (a.a)	-	Bottle of 500gm	1		
38	Alanine powder (a.a)	-	Bottle of 500gm	1		
39	Tyrosine powder (a.a)	-	Bottle of 500gm	1		
40	Nitric acid-70%	-	Bottle of 1L	1		
41	Ammonium hydroxide (NH ₄ OH)	-	Bottle of 1L	1		
42	Starch powder	-	Pocket of 500gm	1		
43	Glucose	-	Pocket of 500gm	1		
44	Sudan III stain powder	-	Bottle of 50gm	1		
45	Catalase enzyme	-	Bottle of 5g	1		
46	Sodium chloride NaCl(s)	From SIGMA	Bottle of 1Kg	1		
47	Lugol's Iodine solution	-	Bottle of 1L	1		
48	Sodium carbonate Na ₂ CO ₃ (s)	-	Bottle of 500gm	1		
49	Sodium citrate/Na ₃ C ₆ H ₅ O ₇ (s)	-	Bottle of 500gm	1		
50	Potassium permanganate/KMnO ₄ (s)	-	Bottle of 500gm	1		
51	Silver nitrate/AgNO ₃ (s)	-	Bottle of 100gm	1		
52	Alpha-Pancreatic amylase	-	Bottle of 5gm	1		
53	DNA ladder RTU 100bp	-	Vial of 50µL	2		
54	GelRed stain for gel electrophoresis	-	vial	1		
55	Phytohemagglutinin M form (PHA-M)	From gibco Catalog number: 10576015	Vial of 10ml	1		
56	KaryoMAX™ Colcemid™ Solution in HBSS	From gibco Catalog number: 15210040	Vial of 100ml	1		
57	Gurrs buffer tablets	-	Vial of 50 tablets	1		

58	Acetone	-	Bottle of 1L	4		
59	Trisodium citrate vacutainer blood collection tubes	-	Bag of 100	1		
60	Plain vacutainer blood collection tube	-	Bag of 100	1		
61	Giemza stain	-	Bottle of 1L	1		
62	Drosophila media	-	Bottle of 1L	2		
63	Isopropyl alcohol	-	Bottle of 1L	1		
64	6x Gel loading dye for gel electrophoresis	-	Vial of 1mL	1		
65	Potassium chloride	From SIGMA	Bottle of 500gm	1		
No.	Item	Description	Unit	No.	price	total
Disposables						
1	Urine cups	Volume is 100mL + Sterile	Box of 50	1		
2	Plastic inoculating loops	Volume is 10μL + Each loop is covered alone (disposable)	Bag of 200 pieces	10		
3	Plastic inoculating loops	Volume is 1μL+Each loop is covered alone (Disposable)	Bag of 200 Pieces	2		
4	Petri dishes	(90mm*16mm)+ sterile	Box of 450	3		
5	Biplate Petri dishes	-	Box of 450	2		
6	Inoculating needles with handles	-	Piece	24		
7	Plastic inoculating needles	Each needle is covered alone	Bag of 200 piece	5		
8	Syringes (25mL)	-	Box of 100	1		
9	Syringes (5mL)	-	Box of 100	2		
10	Medical gauze	-	Box of 50	10		
11	Vertical Coplin jars	Capacity of 10 slides	Piece	20		
12	Candle jars	Capacity of 10 plates	Piece	3		
13	Small biohazard bag holder cover	Made from polypropylene	Piece	20		

						
14	Red Sharps box	Volume is 7.5L	Piece	4		
15	Benchtop Small Biohazard bag holder		Piece	8		
16	Graduated cylinders (1000ml)	Glass, Borosilicate	Piece	6		
17	Spraying bottles	Plastic	Piece	15		
19	Conical flasks (150ml)	Glass, borosilicate	Piece	50		
20	Plain microscopic slides	-	Pack of 50	50		
21	Frosted microscopic slides	-	Pack of 50	10		
22	Scissors	Stainless steel	Piece	24		
23	Scalpel handle (22mm)	Stainless steel	Piece	24		
24	Surgical blades (22mm)	-	Pack of 50	4		
25	Cellophane dialysis bag		Piece	50		
26	Dialysis bag holder clip for beakers		Piece	6		
27	Thistle funnel		Piece	3		

28	Osmosis and diffusion apparatus		piece	50		
29	Wooden tooth picks	Each pick is covered alone	Pack of 100	10		
30	Sterile disposable test tubes 12mm*75mm	-	Pack of 250	1		
31	disposable test tubes 12mm*75mm	-	Pack of 250	3		
32	large biohazard bag	-	Pack of 100	3		
33	Graduated pipette tips (0.1µL-10µL)	-	Pack of 1000	4		
34	Graduated pipette tips (250µL-1000µL)	Made from Polypropylene	Pack of 1000	5		
35	Micropipette sets (0.1-1000) with holder	-	Set of 4 micropipettes	3		
36	Tips rack for graduated tips (10µL-200µL)	-	Piece	8		
37	Washing bottle (10L) with spigot	-	Piece	1		
38	Blood dispenser for blood smears		Bag of 100	1		
39	Holder and lower adaptor and scalp vein set 23G (vacutainer holder)	-	Pack of 100	1		
40	Sterile alcohol swabs	-	Pack of 100	2		
41	Plaster bandage	-	Box of 100	5		
42	Drosophila culture vials with plugs	-	Piece	24		
43	Eppendorf tubes (1.5mL)	-	Box of 500	1		
44	Autoclave indicator tape	-	Roll	1		

45	Blood lancets	-	Pack of 200 pieces	4		
No.	Item	Description	Unit	Qyt.	price	total
Kits						
1	Herpes simplex virus 1 (HSV1) IgG ELISA kit	Qualitative, cutoff control	Kit/96 tests	4		
2	Serum Bilirubin level (direct and total) 2*100mL	-	Kit	2		
3	Total serum cholesterol 4*100mL	-	Kit	1		
4	Total serum LDH 10*10mL	-	Kit	2		
5	Master Mix for PCR	-	Vials sufficient for 100 reactions	3		
6	DNA extraction kit	-	Kit for 100 reactions	1		
No.	Item	Description	Unit	Qyt.	price	total
Microscopic slides						
1	Human tissues set	From Carolina				
2	Plant tissues set	From Carolina				
3	Protozoa set	From Carolina				
4	Algae set	From Carolina				
5	Bacteria set	From Carolina				