



Microbiology & Allied Supplies Limited

*Chemicals * Diagnostics * Equipments**

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Requirements for starting a new Clinical Basic Laboratory

The Common Basic laboratory Tests.

- a) Urinalysis (biochemistry & microscopy)
- b) Stool for ova/cyst
- c) Malaria parasite test (microscopy)
- d) Malaria parasite test (strip test, for four the species-*P.palciparum*, *P.ovale*, *P.malariae*, *P.vivax*)
- e) Widal test (both slide test & titration)
- f) Salmonella stool Antigen test
- g) Brucella test (for *B.abortus* & *B.Melitensis*)
- h) VDRL test
- i) Blood grouping
- j) Full haemogram + ESR (using manual method)
- k) Pregnancy test
- l) Rheumatoid factors(RF)
- m) A.S.O.T test
- n) H.pylori blood Test
- o) H.pylori stool antigen test
- p) Hepatitis B surface antigen (HBsAg) test
- q) Hepatitis C virus test.
- r) Rota / Adeno virus test
- s) High Vaginal Swab (HVS)/ urethral swabs/ pus swabs (wet preparation & Gram stain)
- t) Sputum for AFB
- u) Serum AFB test
- v) Blood glucose test.

Basic Laboratory Equipments for Basic Laboratory Tests

NO	DESCRIPTION	Quantity Required
1	Binocular Microscope	1 pc
2.	Electric Centrifuge	1 pc
3.	Hemochroma Haemoglobin Reader	1 pc
4.	Digital electronic weighing scale	1 pc
4.	Microscope slides	5 pks
5.	Microscope slides Frosted	5 pks
6.	Cover slips 22x22mm	5pks
7.	Measuring cylinder 100ml glass	1pc
8.	Beakers 250mls glass	2pcs
9.	Reagent bottles 100mls	10pcs
10	Centrifuge tubes-glass	20pc
11	Graduated pipette 5mls	2pc
12 .	Pipette filler 3-way	1pc
13 .	Applicator sticks	box
14 .	Distilled water	5lts
15 .	Laboratory timer	1pc
16 .	Wash bottles 250mls	2pc
17 .	Staining rod-metal	1pc
18 .	Methanol Analytical Grade	2.5 lts
19 .	Normal saline	500mls
20.	Poly pots	100pc
21 .	Formaldehyde 37-40%	2.5lts
22.	Diethyl ether	2.5lts

23.	Glycerol Analytical Reagent	2.5 lts
24.	Surgical gauze	roll
25.	cotton wool	roll
26.	Urine collection bottles	100 pc
27.	Staining(coupling) jars -plastic	4pc
28.	Plused Micropipette 5-50 ul	1pc
29.	Yellow tips	1x1000's pcs
30.	sterile HVS swabs	100 pcs
31 .	Haemocytometer (Improved)	1 pc
32.	WBC blood diluting pipette	2 pc
33.	RBC blood diluting pipette	2 pc
34.	ESR STAND wintrobe	1pc
35.	ESR Tubes wintrobe	5pc
36.	Tourniquet	2 pc
37.	White Laboratory coat	1pc
38.	EDTA Vacutainer tubes 4ml	1x100's pcs
39.	Plain Vacutainer tubes 4 mls	1x100's pcs
40.	Vacutainer needles	1x 100's pcs
41 .	Glass Test tubes 12x75mm	100 pcs
42.	Bunsen Burner	1pc
43.	WhatMan Filter paper 12cm	1x100's pk
44.	Plastic Funnel	pc
45.	Giemsa stain	1x25 g
46.	Buffer solution PH 7.2	500 mls
47.	Lens cleaning tissue	1 booklet
48.	Wooden slide drying rack	1 pc
49.	Test tube rack	1 pc
50.	Malaria staining Kit	SET

Contents:

- Field stain A solution 500 mls
- Field stain B solution 500 mls
- Oil immersion (xylene free) 100 mls

50.	Gram's staining Kit	SET
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Contents:

- Crystal violet solution 500mls
- Acetone 500mls
- Grams iodine 500mls
- Neutral red solution 500mls

51 .	AFB (ZN) Staining Kit	SET
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Contents:











- Carbol fuchsin solution 500mls
- 3% acid alcohol 500mls
- Malachite green solution 500mls









52.	Blood cell counting Kit	SET
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Contents:

- WBC diluting fluid (Turk's) 500mls
- Leishman's stain solution 500mls
- Buffer solution PH 6.8 500mls

Reagents & other Rapid Diagnostic Kits

1.	 Cromatest [®]	Widal test kit	1 KIT
2.	 Cromatest [®]	Brucella Test Kit	1 KIT
3.	 Cromatest [®]	Rheumatoid Factors (RF) kit	1 KIT
4.	 Cromatest [®]	A.S.O.T. kit	1 KIT
5.	hCG test strips		1x50's
6.	VDRL test strips		1x50's
7.	Immure Salmonella stool Antigen test strips		1x25's
8.	Immure Tuberculosis serum antibody test (IgG+IgM+IgA) strips		1x25's
9.	 NanoSign	H.pylori serum antibody test strips	1x30's
10.	 clonatest [®]	H.pylori stool antigen test strips	1x20's
11.	 NanoSign	Hepatitis B virus test strips	1x30's
12.	 NanoSign	Hepatitis C virus test strips	1x30's
13.	 NanoSign	Malaria Pf / pan (all species) test strips	1x30's
14.	 NanoSign	Rota / Adeno virus test strips	1x20's

15.	 romatest™	Anti A grouping sera	1x10 mls
16.	 romatest™	Anti B grouping sera	1x10 mls
17.	 romatest™	Anti D (IgG/IgM grouping sera	1x10 mls
18.	 romatest™	Anti Human Globulin sera	1x10 mls
19.	 romatest™	Bovine albumin	1x10 mls
20.	 CareSens II	Blood Sugar Meter	SET
21.	 CareSens II	Blood Sugar strips	1x50T
22.	 NanoSign	Urinalysis strips-10 parameters	1x100's

- We do deliveries to anywhere in E.Africa / Southern Sudan & Consultations on any laboratory test requirements.
- All of our equipments have a one (1) year Manufacturers Warranty.
- Please contact us for any of your other special requirements.