

Glass apparatus:

Tip box (1 ml)	P'fact
Tip box (200 µl)	P'fact
Tip box (10µl)	P'fact
Tip (1ml)	P'fact
Tip (200µl)	p'fact
Tip (10 µl)	P'fact
Centrifuge tube (2 ml)	Terson
Centrifuge tube (1.5 ml)	Terson
Centrifuge tube (0.5 ml)	Terson
Reagent Bottle 500ml	Terson
Reagent Bottle 250 ml	Terson
Reagent Bottle 100ml	Terson
Centrifuge tube Strand	Terson
○ 50ml tube	
○ 15 ml tube	
○ 1.5 ml tube	
○ .5 ml tube	
Blotting paper	
Slide	Bluestar
Cover slip	Bluestar
Slide box (100 & 50)	Terson
Testube	
Testube stand	
Disposable niddle	
Pipette 1ml (10 pieces)	Borosel
Pipette 5 ml (10 pieces)	Borosel
Pipette 10 ml (5 pieces)	Borocel
Burette	Borocel

Burette stand	
Winkler's bottle.	Borocel
Volumetric flask (100ml)	Borocel
Tissue Paper	
Disposable Gloves	
Standard joint conical flask (for COD)	
Durham's tube	
Petridishes glass	
Decigator	
Glass beads	
Separating flask (500ml) 2 pieces	
Specimen Jar (6" x 2", 8" x 2", 12" x 2.5" and 18" x 3") with round lid.	
Specimen container (6"x6"x 12", 6"x6"x18", 12"x6"x12"and 12"x6"x18") with upper cover.	
Aquarium (3'x2'x2'and 2'x1.5'x1.5')	
Capillary tube	
Alluminium Foil	
Nichrome ware loop	

Instruments:

Vortex	REMI
Centrifuge with Haematocrit Roter.	REMI
Magnetic Starrer with 3 different size magnet	REMI
-20 Freezer	Bluestar/ REMI
Orbital Shaker	REMI/ Terson
Pipette (5ml, 1ml, 200µl & 10µl)	Thermo
Dissecting Binocular Microscope with LED light	
Phase contrast microscope	
Protein Gel Apparatus & Powerpac	Bio-Rad
DNA Gel Apparatus	Bio-Rad
Laminar	

Cold Centrifuge (4@C)

REMI

PCR

Bio-Rad

UV spectrophotometer

Bio-Rad

Conductivity meter

Turbidity meter

Stereo-Microscope with light attach.

Seduzic rapture plankton counter

Soil arthropods permanent slide

Zooplankton permanent slide

Tulgan funnel

Water parameter analyzer

Potable ph meter

Shell's haemoglobinometer

Haemocytometer

Scklet slet

Sonicator for homogenization

Benthic Shive

Binocular

Olympus

Keen box (for soil porosity)

Soil temperature meter (3 different depth 5, 10 & 15cm)

Conductivity meter

Secchi disc (for transparency)

Soil moisture meter

Prepared Slide:

Histology Stain Slide (Lung, Adrenal & Stomach)

Zooplankton Slide (Daphnia, moina, Cyclops, podocopa, calonoida, notostraca, rotifera)

Soil fauna (diplura, mite, tick, pseudoscorpion, spring tail, symphyla, sawbug)

Parasite SLIDE (Trypanosome sp, Plasmodium sp, Leishmania sp, Haemoproteus sp, Myxobolus sp, Ceylonocotyle sp, Columbicola sp, Pediculus sp, Cimex sp, Phlebotomus sp)

Chemicals

• Sodium Chloride	Mark/ SRL
• Potassium Chloride	Mark/ SRL
• Na ₂ HPO ₄	Mark/ SRL
• KH ₂ PO ₄	Mark/ SRL
• Glucose	Mark/ SRL
• Calcium Chloride	Mark/ SRL
• MgCl ₂ , 6H ₂ O	Mark/ SRL
• Tris HCl	Mark/ SRL
• NaH ₂ PO ₄	Mark/ SRL
• NaHCO ₃	Mark/ SRL
• BSA	Mark/ SRL
• Paraformaldehyde	Mark/ SRL
• Sodium dodecyl sulphate (SDS)	Mark/ SRL
• Periodic Acid solution	NICE
• Schiff's reagent	NICE
• Propylene Glycol	NICE
• Sudan Black B (dust)	MARK
• Alcohol	
• Xylene	NICE
• DPX	NICE
• Acetic Acid	MARK
• Macconky broth	Hi-media
• Lactose broth	Hi-media
• Peptone	Hi-media
• Beef Extract	Hi-media
• Crystal violet	NICE
• Saffranine	NICE

• Iodine Solution	NICE
• BSA protein	MARK/Hi-media
• Glucose	NICE
• Starch	NICE
• Dextrin	NICE
• Globulin	NICE
• Albumin	NICE
• Sodium carbonate	MARK/SRL
• Folin cioceltaeu reagent	MARK/SRL
• Molish	NICE
• Benedict (qualitative reagent)	NICE
• Barfoed	NICE
• Seliwanoff's reagent	NICE
• Felings A & B reagent	NICE
• Sodium hydroxide	MARK/SRL
• Millons	NICE
• Esbatch	NICE
• Potassium Iodide	NICE
• Conc sulphuric acid	MARK
• Conc nitric acid	MARK
• CONC. HYDROCHOLRIC ACID	MARK
• Methyl orange indicator	NICE
• Ammonium chloride	NICE
• Ammonium Hydroxide	NICE
• Erichrome black T	NICE
• Diacetylc monoxide	NICE

• Sodium tungstane	NISE
• Urea	NICE
• Sodium bi carbonate	NICE
• Sodium sulphate	NICE
• Disodium hydrogen arsenate	NICE
• Zinc sulphate	NICE
• Uric acid	NICE
• Alkaline hypobromite	NICE
• Nessler's reagents	NICE
• Red litmus paper	NICE
• ABO blood group chemical	NICE
• Silver nitrate	NICE
• Leishman stain	NICE
• Ferric ammonium sulphate	MARK
• Schaudinn's fixative	NICE
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• Ferrous ammonium sulphate	MARK
• Ferrion indicator	MARK
• Silver sulphate	MARK
• Mercuric sulphate	MARK
• Diphenyl amine	MARK
• Ortho phosphoric acid	MARK
• KH_2PO_4	MARK
• Ascorbic acid	MARK
• Ammonium molybdate	MARK
• Potassium antimony tartrate	MARK
• Sodium nitrite	MARK

- Potassium permanganate MARK
- Sodium oxalate MARK
- NEDA(N-1-naphthyl ethylenediamine di hydrochloride) MARK
- Sodium nitrate MARK
- Phenyl disulfonic acid (PAD) MARK
- 4 aminoantipyrein MARK
- Potassium ferricyanide MARK
- Chloroform MARK
- phenol MARK
- Colchicin SRL/MARK
- Agarose gel SRL
- RAPD Kit Bio-Rad
- Primer
- DNA extraction Kit Bio-Rad
- RNA extraction kit Bio-Rad
- Bromophenol blue SRL
- Coomasia blue SRL
- EtBr SRL
- RNase SRL
- DNase SRL