

HEALTH & MEDICAL EDUCATION DEPARTMENT



PURCHASE COMMITTEE NO:2

(RATE CONTRACT COMMITTEE)

GOVT. MEDICAL COLLEGE JAMMU

TENDER DOCUMENT

Group No: XI of 2011

NAME OF THE GROUP : LAB KITS (including coagulation system reagents compatible with CDX Coagulometer)
FOR THE YEAR : 2011-12

Last Date of Sale of Tender :15-07-2011 upto 02:00 p.m.

Last Date of Submission of Tender :18-07-2011 upto 02:00 p.m.

Date of Opening of Tender :21-07-2011 at 11:00 a.m.

Or any date convenient to the Committee

Place of Enquiry & Sale of Tender:

Office of the Purchase Committee
Govt. Medical College
Jammu/Srinagar.

Place of Opening of Tender :

Office of the Purchase Committee No-II
Govt. Medical College
Jammu.

**PURCHASE COMMITTEE NO:2,
(RATE CONTRACT COMMITTEE)
HEALTH & MEDICAL EDUCATION DEPARTMENT
GOVT. MEDICAL COLLEGE JAMMU**

Group No: XI of 2011

For and on behalf of the Governor of Jammu & Kashmir State, Sealed Tenders affixed with Rs.5/- revenue stamps are invited for supply of items pertaining in the following Groups **for the year 2011-12**, as per detail given in the Tender documents, Tender Form, Terms & Conditions of Tender Notice, for use in various Institutions/Hospitals of Health & Medical Education Department of Jammu/Kashmir Division from the Original Manufactures/Firms who are already registered with Health & Medical Education Department of J&K State.

I. GROUP NO: XI, LAB KITS (including coagulation system reagents compatible with CDX Coagulometer)

These tender documents can be had on written request during all working days upto **15-07-2011** against the Non-refundable cash amount of Rs. 500/-in general and Rs.100/-for local SSI Unit holders from the office of the Purchase Committee, Govt. Medical College, Jammu/Srinagar.

The details of the tender documents are also available on the website i.e **www.gmcahjammu.org** and such of the tenderer who are registered with the Health & Medical Education Department, J&K may download the tender document from the website, but in that case a draft of Rs. 500/- (Rupees five Hundred Only) payable to Principal, Govt. Medical College, Jammu as cost of tender should be enclosed otherwise the tender is likely to be rejected. The samples should be submitted in the office of the Purchase Committee No-II, Govt. Medical College Jammu.

The tenders shall be submitted in a single big size envelope containing two separate envelopes, one for original and another for duplicate duly super-scribed with the "**name of Group**" addressed to the Chairman Purchase Committee No-II, Govt. Medical College, Jammu/Srinagar and should reach this office by or before **18-07-2011 upto 04.00 PM**.

The Sealed Tender should be handed over personally at the concerned offices and obtain the receipt or can be sent by a registered post at the Office of Purchase Committee, Govt. Medical College Jammu/Srinagar. Tenders received after due date shall not be entertained. The postal delay shall not be the responsibility of the department. The tenders thus received shall be opened on **21-07-2011** or any subsequent date convenient to committee, in the office of Purchase Committee No-II, Govt. Medical College, Jammu in presence of the tenderers or their authorized representatives who wish to be present on the occasion.

The Purchase Committee No-II, H&ME reserves the right to accept or reject any tender or any part of the tender without assigning any reasons thereof.

The intending tenderer(s) shall have to deposit an amount of Rs 50,000/-(Rupees Fifty Thousand only) and for SSI unit holders the same shall be Rs.5000/-(Rupees Five Thousand only) for aforesaid group as token Earnest Money in the shape of CDR/FDR from any Nationalized Bank or Jammu and Kashmir Bank Ltd pledged to the Member Secretary, Purchase Committee No-II, Health & Medical Education Department. The tender without earnest money deposit shall out rightly be rejected.

The rates should be quoted against each item of the tender in both words and figures without cutting, tampering and transparent tape should be applied on quoted rates.

In the event of any of mentioned dates being declared as holidays/closed day for the purchase Organization, the tenders will be sold /receive/opened on the next working day at the appointed time. The tender documents are non-transferable.

Member Secretary
Purchase Committee No-II
Health & Medical Education Department
Govt. Medical College Jammu

Dated:

No: GMC/PC-II/

Copy for information and necessary action to the:-

1. Principal, Government Medical College, Jammu/Srinagar
2. Principal Government Dental College, Jammu/Srinagar
3. Director Health Services, Jammu/Kashmir
4. Director family Welfare, MCH & Immunization J&K Jammu
5. Director, Indian System of Medicines, J&K Jammu
6. Controller, Drug and Food Control Organization J&K Jammu
7. Joint Director Information Department Jammu for publication of Tender Notice in at least two leading papers
8. Purchase File.

**CHECK LIST FOR THE TENDERERS
TO BE ENCLOSED WITH TECHNICAL BID For
GROUP NO: XI, LAB KITS (including coagulation system reagents compatible with CDX
Coagulometer) for the year 2011-12**

S.NO.	DOCUMENTS	ANNEXURE NO.	PAGE NO.
1	Earnest Money in the shape of CDR worth Rs.50,000/- (Fifty Thousand)		
2.	Undertaking/ Letter of Acceptance		
3.	Non Blacklisting Declaration		
4.	Copy of manufacturing license (if any)		
5.	Valid Drug License		
6.	Valid sales tax/VAT clearance certificate		
6.	Income Tax clearance certificate / Copy of PAN Card as allotted by the Income Tax Department of Govt. of India.		
7.	Manufacturer's Authorization/ Authority Letters of the principles. (The letter of Authorization should be on the letter head of the manufacturing firm/authorized distributor and should be sealed & signed by a person competent).		
8.	In case of SSI unit, enclose Permanent Registration Certificate issued by Industries Department supported with a certificate that the unit is in existence from General Manger, DIC concerned.		
	Total No. of pages		

- The tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
- It is the responsibility of tenderer to go through the Tender Document to ensure furnishing all required documents in addition to above, if any.
- The tenderer should furnish all the relevant information mentioned in the checklist.
- All pages of the tenders should be page numbered and indexed with seal of the firm.
- Wherever necessary and applicable, the tenderers shall enclose certifies copy as documentary proof/evidence to substantiate the corresponding statement.
- In case a tenderer furnishes a wrong or evasive statement, his tender will be liable to be ignored/rejected.

With Seal & Signature

(Full name, designation & address of the Tender)

(RATE CONTRACT COMMITTEE)
HEALTH & MEDICAL EDUCATION DEPARTMENT
GOVT MEDICAL COLLEGE, JAMMU

TERMS & CONDITIONS OF TENDER AND CONTRACT

GROUP NO: XI, LAB KITS (including coagulation system reagents compatible with CDX Coagulometer) for the year 2011-12

1. The tenderer should be registered supplier of the Health and Medical Education Department.
2. **The tender on the prescribed proforma shall be submitted** in a single big size envelop containing two small envelopes one each for original and duplicate with proper seal for each group separately. The Purchase Committee will not be held responsible for any postal delay. Tenders not accompanied with the following latest documents alongwith other requisite documents at the time of submission of tenders are liable to be rejected at the appropriate level of the competent authority :-
 - a) Earnest money deposits in the shape of CDR for Rs.50,000/- in case of General and Rs. 5000/- in case of SSI Units shall be accompanied with the tender document. Please note that the tender Number, its due date and complete address of the firms should also be written **on the back side of the CDR so as to ensure its safe** return to the unsuccessful or successful tenderers as the case may be.
 - b) **The authority letter of the Principals (Original manufactures/ registered/approved firms) where-ever applicable.** The Authority letters should be latest and provision of fake/false authority letters will be considered an offence and such supplier shall be blacklisted for providing any supplies in the Department of Health & Medical Education Department, J&K State.
 - c) Sales Tax (now called VAT) registration certificate.
 - d) Latest sales tax clearance certificates (now called VAT) valid at the time of opening of the tender issued by the sales tax authority under relevant sales tax act and the amendments made thereafter from time to time.
 - e) **Non- Blacklisting Declaration** : The tenderer shall furnish a non-black listing certificate that the firm has not been blacklisted in the past by any Govt./ Private institution. The tenderer has to give an affidavit on non-judicial stamp paper duly attested of Rs. 10/- that there is no vigilance/CBI case pending against the firm/ supplier and the firm has not been blacklisted in the past.
 - f) The SSI unit holders shall have to enclose a certificate to the effect that the Unit is existing on the date of issue of tender from General Manager, DIC concerned.
3. Only one Rate against one item will be Entertained and accounted for. If quoted more than one rate the highest rates quoted shall be reflected in the comparative statement for comparison.

4. No authority letter shall be accepted after the last date of filing the tender document. In case of any authority letter found forged/tampered, the firm is likely to face legal action against them under rules and forfeiture of their earnest money.
5. The tender documents should be page marked and bearing signature with seal on each and every page.
6. The rate quoted must be F.O.R. "Stores of the Govt. Medical College/Dental College/Health Services/State Health Society/ISM/Hospitals and any other Govt. institution dealing with patient care in Jammu/Kashmir Division
7. **The rates quoted should be inclusive of all taxes, duties, other charges etc. including entry tax, if any. No separate Tax/ Levies will be allowed.**
8. Rates Quotations should be typed/ printed and free from fluiding/cutting and overwriting. No hand written quotation will be accepted. All pages of the documents submitted should be numbered & total number of pages indicated in the index. Transparent tape/ lamination should be applied on the quoted rates.
9. Details of documents enclosed with the tender forms should be mentioned in Proper Index serial wise duly flagged on the front page of your quotation/ reference letter.
10.
 - i) The document submitted by the firm with the tender form will be opened in public in the presence of tenderers/ firms representatives and the officers opening the tender will sign the tenders price and other important features.
 - ii) The tenderer/ authorized representatives should point out to the Chairman, Purchase committee No-II, H&ME if any, at the time of opening tenders. Thereafter the tenderer/ authorized representative will have no legal right to confer or to represent on one ground or the other. All the documents attached with the tender should be self attested by the authorized signatory of the firm with seal.
11. Rates should be quoted for the superior quality material only with Nomenclature/catalogue (name if any).
12. The Successful tenderer are bound to supply the material on the rates once quoted and once approved by the Purchase Committee. Any hike in price on later stage will not be paid if not levied by the J&K Govt.

However in the event of any revision in the existing rates of duties or introduction of any statutory duty and taxes imposed by the Government, the same will be paid extra on production of satisfactory documentary proof.
13. The tenderer whose tender is accepted shall arrange the supplies within a period of 30 days/ or as mentioned in the supply order, from the date of placement of order or as mutually agreed as per the nature of the supplies. If at any stage it is found that material supplied by the firms is not according to the approval issued by the Purchase Committee, the ACTION AS DEEMED FIT WILL BE TAKEN AGAINST THE FIRM.
14. If the delivery is not effected on due date, the Chairman/Member Secretary/Head of the Departments of the respective institutions will have the right to impose penalty of the total cost of the supply order as under :

- i) First extension for the month on part thereof : @ 2%
- ii) Second extension for an additional month : @ 3%

thereafter no extension shall be granted and the item shall be procured at the risk and cost of the defaulter

15. In case any Tenderer, charges higher rates for any item more than the MRP, the action like forfeitures of security money/blacklisting of firm shall be taken against the firm.
16. If at any stage during the tenure of the tender the successful tenderer reduces the price will forthwith notify such reductions of the sale price to the undersigned immediately.
17. The successful tenderer shall have to abide by the standard terms and conditions as laid down in the J&K book of Financial rules/ codes and the conditions as per the contract.
18. Please quote your rates including all taxes and charges.
19. Sample may be asked by the Purchase Committee at any given time for verification/taking decision.
20. The approval thus issued shall remain valid for a minimum period of one year from the date of issue of the rate contract which may be extended for a period of 90 days or till such time new rate contract is available for the succeeding year, whichever is earlier.
21. The successful tenderer shall be responsible for execution of the contract in full and shall not in any case assign or sublet approved item or any part thereof.
22. The successful tenderer shall have to execute an agreement in the prescribed form with the concerned purchasing officer.
23. The Purchase Committee, shall also be competent to alter/ modify the specifications of any item/ items for purchasing in the best interest of the Department during the process of finalization of a contract viz. Placement of supplier order.
24. All terms and conditions of NIT shall conform part of the supply order/agreement.
25. All the stores supplied shall be of the best quality, specification, trade mark and in accordance with the approved standard, catalogue, samples if provided. In case of any articles supplied does not comply with the approved specification shall be liable to be rejected and replacement as a result of rejection of supplies, shall be entirely at the cost of tenderer.
26. The tenderer shall be responsible for the proper packing, so as to avoid damage under normal conditions of transport by rail, road or air and delivery of material in good condition to the consignee at the destination. In the event of any loss, damage, breakage, leakage or any shortage, the tenderer shall be liable to make good such loss and shortage found at the checking/ inspection/ verification of the materials by the consignee, no extra cost on such account shall be admissible.

27. In case of any dispute/ difference or doubts between the purchasing officer and the approved suppliers arises, the orders of the Chairman, Purchase Committee shall be final.
28. Legal proceedings that may arise at any time shall be subject to the jurisdiction of J&K Courts at Jammu/Srinagar only.
29. The supplies shall be accepted only in proper packing where-ever required in stores. The supplies meant for J&K State in the Health & Medical Education Department shall have to be marked as **“J&K Hospital Supplies and Not For Sale”**, wherever required.
30. The payment shall be made to the supplier after the receipt/ verification of materials in the departmental stores/ hospital as per order, through endorsed bills/ bank drafts etc. and the bank charges on account of remittance shall be made good from the payee. No advance payment shall be authorized unless required under specific terms & conditions. The Local sales tax/ surcharges shall be recoverable at source by the Drawing and Disbursing officer under rules and credited to the relevant Head of account in the treasury at the close of every contract/ financial year. No payment will be made on account of the part supply: payment will be made only after the supply is made in the quantity ordered.
31. Either of the sales tax (only one tax) shall be payable i.e. Central or State. The local sales tax/ surcharge shall be recoverable at source by the Drawing and disbursing officer under rules and credited to the relevant Head of the account in the treasury at the close of every contract of the financial year.
32. All other issues that may come up during the course of compilation of contract shall be decided by the Purchase Committee and orders shall be final and binding upon the purchase officer and the approved tenderer.
33. Any other condition that is not indicated here can be incorporated in the supply order or agreement before execution of a contract if need be.
34. No separate conditions will be accepted and the conditional tenders will be outrightly rejected.
35. Chairman/Member Secretary PC, H&ME are equally competent and reserve the right to consider, ignore, or reject any tender at any stage without assigning any reason what so-ever.
36. All the ingredients of the Checklist and instructions incorporated shall be treated as a part of conditions of the contract.

Signature with Seal
Of the tenderer
In acceptance

**UNDERTAKING/ LETTER OF ACCEPTANCE
IN RESPECT OF TERMS & CONDITIONS OF
GROUP NO: XI, LAB KITS
(including coagulation system reagents compatible with CDX Coagulometer)**

Sir,

1. I / we do agree for all clauses, terms and conditions of the tender documents.
2. I / we agree to abide the contract for a period of **one year** to provide the services from the date of award of the contract and ready to work on the same rates, if extended for a further period of three months or till new contract is finalized.
3. I / we declare that our financial position is sound and we are competent to execute the supplies as & when allotted.
4. I/ we declare that we will not ask/ expect any financial assistance from the Govt. of Jammu & Kashmir State.

In acceptance
(Signature and seal of the tenderer
Or Authorized Signatory)

S.No.	Name of the item	Remarks	Rates Offered (including all taxes)
1.	Anti "H" Lectin 5ml	Monoclonal	
2.	Anti "H" Lectin 10ml	Monoclonal	
3.	Anti Sera "A" 5ml	Monoclonal	
4.	Anti Sera "A" 10ml	Monoclonal	
5.	Rh D typing Sera IgM 5ml	Monoclonal	
6.	Rh D typing Sera IgM 10ml	Monoclonal	
7.	Rh D typing Sera blend of IgG & IgM	Monoclonal Antibodies with epitomes to detect partial D and Weak D	
8.	Rh D typing Sera	Polyclonal	
9.	Anti Sera A1 Lectin 5ml	Monoclonal	
10.	Bovine Albumin 22% sol. 5ml		
11.	Bovine Albumin 22% sol. 10ml		
12.	Coombs Sera 5ml	Polyspecific, Monospecific	
13.	Coombs Sera 10ml	Polyspecific, Monospecific	
14.	Gel based Liss Commb's Card containing polyspecific AHG(rabbit anti IgG monoclonal Anti C3d etc.)		
15.	Gel based forward/ reverse grouping cards		
16.	Liss diluent		
17.	Gel based saline / enzyme cards for Alloantibody screening.		
18.	Papain Enzyme.		
19.	Anti body screening panel Red Cells >2 cells.		
20.	Anti body Identification panel Red Cells >10 cells.		
21.	PT Reagents		
22.	APTT reagent and Calcium Chloride		
23.	Kit for fibrinogen assay		
24.	Kit for factor VIII assay		
25.	Kit for estimation of fibrin Degradation products		
26.	PNH Test		
27.	Hbs Sickle Test	Gel based technology	
	RARE GROUP SERA		
28.	Anti Le a		

29.	Anti Le b		
30.	Anti K (cellano)		
31.	Anti-M		
32.	Anti-N		
33.	Anti Fy a		
34.	Anti Kp a		
35.	Anti Fy b		
36.	Anti Jk a		
37.	Anti Jk b		
38.	Anti Lu a		
39.	Anti Lu b		
40.	Anti Kp b		
	RHESUS SYSTEM		
41.	Anti CDE		
42.	Anti-C		
43.	Anti –c		
44.	Anti-E		
45.	Anti-e		
46.	Anti-S		
47.	Anti-s		
48.	Anti DE		
49.	Anti Cw		
	LIST OF KITS		
50.	HIV Elisa Test kit	3 rd generation Elisa Test for detection of Antibodies against HIV p24 Antigen with sensitivity 99.9% or above and specificity 99% or above should have evaluation reports from WHO/National Reference Laboratory, Government of India.	
51.	HIV Elisa Test kit	4 th Generation Elisa Test should detect HIV p24 Antigen and antibodies to p24 HIV 1 & 2 with (sub groups C&O) with reactive and non-reactive controls. Kit able to detect lower levels of p24 will be given preference	
52.	Hbs Ag Elisa Test Kit	3 rd Generation with the detection limit of 0.20ng/ml. Should be able to detect Antibodies to all Hbs AG Subtypes and Mutants. Test should have sensitivity of 99.9% and specificity 99%. Should have evaluation reports from WHO/National Reference Laboratory, Government of India.	
53.	Hbs Ag Elisa Test Kit	4 th Generation should have sensitivity and specificity of more4 than 99%. Should be able to detect antigens and antibodies of all known sub types and mutant strains. Kit with lower analytical sensitivity will be	

		given preference	
54.	HCV Elisa kit	3 rd Generation with excellent sensitivity of 99.9% and specificity 99% or above. Should have antibodies against HCV antigens from E1, E2, Core , NS3, NS4 & NSS regions of HCV genome enables detection of various subtypes of HCV. Should have evaluation reports from WHO/National Reference Laboratory, Govt. of India	
55.	HCV Elisa kit	4 th Generation should detect both antigen and antibody against HCV should have specificity more than 99.5% without compromising the Assay Sensitivity should be able to detect antibodies against capsid proteins, Genotype 1 & 3a recombinant proteins for NS3 region & recombinant Ag from the non structural region NS4 on the solid phase.	
56.	HIV Rapid Test kit	For qualitative detection of Antibodies to HIV 1 & HIV 2 (two separate dots or bands) with sensitivity of 100%. Should have evaluation report from WHO/National Reference Laboratory, Govt. of India.	
57.	HCV Rapid Test kit	With excellent sensitivity of 99.9% or above and specificity 99% or above. Should detect all genotype of HCV. Should have utilization of HCV antigen from E1, E2 core NS3, NS4 and NS5 regions of HCV genome enables detection of various subtypes of HCV. Should have evaluation report from WHO/National Reference Laboratory, Govt. of India.	
58.	HbsAg Rapid Test Kit	With excellent sensitivity with a detection limit of 0.50ng/ml. should be able to detect all HbsAg subtypes and Mutants with sensitivity of 99.9% and specificity 99%. Should have evaluation report from WHO/National Reference Laboratory, Govt. of India.	
59.	Rapid Malaria Test Kit	Rapid visual Antigen based test for detection of Malaria Parasite in whole blood with an excellent sensitivity of not less than 100% and specificity should be more than 99%. Only detection not species identification. Should have evaluation report from National Reference	

		Laboratory, Govt. of India.	
60.	VDRL test Kit	Rapid Card / Strip Test.	
61.	Kit for Automated Blood Separator	Compatible with CS 3000 Plus Aphaeresis Machine	
62.	Kit for Automated Blood Component Extractor	Should have quadruple Blood Collection bag filled with 63ml of CPD with top & bottom outlets. Bottom outlet of one bag should be filled with 100ml ADSOL solution for storage of red cells for 42 days. Upper outlet should have two empty transfer bags, one for plasma and one for storage of platelets upto 5 days. <u>Compatible with Opti Press machine.</u>	
63.	Kit for Automated Hemoglobinometer	Compatible with Hemocue Hb201+ Analyzer.	
64.	COAGULATION SYSTEM REAGENTS COMPATIBLE WITH "COX" COAGULOMETER (AUTOMATIC TURBIDIMETRIC COAGULATION ANALYSER WITH 4-CHANNEL OPTICS) NOTE:-Pack Size and No. of tests that can be performed should be mentioned in the tender		
	i.	PT-S-ISI 1.0	
	ii	APTT-S, KIT-25 Combined APTT-S kit with Calcium Chloride 0,025 M	
	iii	Fibrinogen Set	
	iv	d-Dimer Kit	
	v	TT -Bovine Thrombin, dried, for determination of thrombin time.	
	vi	APTT -S, KIT-50 Combined APTT -S kit With Calcium Chloride 0,025 M	
	vii	Factor VIII	
	viii	Factor IX	
	ix	Human reference plasma, dried calibrator for PT, APTT, TT, FIB, Normal Plasma control for PT, APTT, TT, FIB.	
	x	Abnormal Plasma control 1 for PT, APTT, TT, FIB.	
	xi	Abnormal Plasma control for PT, APTT, TT, FIB	
	xii	Rinse Solution	
	xiii	Clean Solution	
	xiv	Thermal Paper	
	xv	Stirring Magnets	
	xvi	Cuvette Blocks	
65.	ASO Quantitative		
66.	CRP Qualitative (slide)		
67.	CRP Quantitative		
68.	RF Qualitative (slide)		

69.	RF Quantitative	
70.	WIDAL tube	
71.	WIDAL slide	
72.	VDRL / RPR	
73.	Occult blood	
74.	Pregnancy	
75.	Dengue IgM /IgG rapid	
76.	Malaria vivax/ falciparum rapid	
77.	HAV ELISA	
78.	HDV ELISA	
79.	HEV ELISA	
80.	HBeAgELISA	
81.	Anti-HBe ELISA	
82.	Anti-HBs ELISA	
83.	Anti-HBc ELISA	
84.	HBV DNA	
85.	Toxoplasma (IgM)	
86.	Toxoplasma (IgG)	
87.	Rubella (IgM)	
88.	Rubella (IgG)	
89.	CMV (IgM)	
90.	CMV (IgG)	
91.	Herpes (IgM)	
92.	Herpes (IgG)	
93.	Rota virus ELISA	
94.	H. pylori ELISA/rapid	
95.	Clostridium difficile ELISA	
96.	Chlamydia tracomatis (IgM)	
97.	Chlamydia tracomatis (IgG)	
98.	Chlamydia pneumoniae (IgM) .	
99.	Chlamydia pneumoniae (IgG)	
100.	Chlamydia pneumoniae (IgA)	
101.	Rickettesia (scrub typhus) ELISA (IgM)	
102.	Rickettesia (scrub typhus) ELISA (IgG)	
103.	Mycoplasma ELISA	
104.	Hydated serology	
105.	Amoebic serology	
106.	Chickungunia serology	
DEHYDRATED CULTURE MEDIA LIST		
107.	Colombia Blood Agar Base	
108.	MacConkey Agar	
109.	Sorbitol MacConkey Agar	
110.	CLEO w/BTBAgar	

111.	Muller Hinton Agar	
112.	XLD Agar	
113.	Nutrient Agar	
114.	TCBS Agar	
115.	Sabouraud's Dextrose Agar (Emmon's)	
116.	Sabouraud's Dextrose Agar w/actidione	
117.	Sabouraud's Dextrose Agar w/actidione, chloramphenicol	
118.	Cornmeal Agar	
119.	Dermatophyte test medium	
120.	Simmon Citrate	
121.	PPA	
122.	Bile Esculin Agar	
123.	Urease Agar	
124.	Triple Sugar Iron A ar	
125.	10% Lactose	
126.	Mannitol Motility Agar	
127.	Cary Blair Medium	
128.	Loftier's Serum Slope	
129.	Li Medium	
130.	Robertson Cooched Meat Medium	
131.	Nutrient Broth	
132.	Peptone Water	
133.	Peptone Water w/Andrade	
134.	MR / VP Broth	
135.	Arginine Dihydrolase Broth	
136.	Lysine Decarboxylase Broth	
137.	Ornithine Decarboxylase Broth	
138.	Decarboxylase Broth Base	
139.	MacConkey Broth DS	
140.	Todd Hewitt Broth	
141.	40% Urea	
142.	Manitol motility test medium	
143.	Tricomonas modified CPLM base	
144.	Anaerobic agar	
145.	Peptone	
146.	UTI agar	