

Maulana Azad Medical College, New Delhi
ANNUAL DEMAND : INDIAN CHEMICAL (2017-18)

S.No	Name of the Item with Specification	Pack size / Capacity
1.	1% Gill's Haematoxylin	4L
2.	10 X TE PCR Buffer pH 8.0	100 ml
3.	10% KOH solution	500 ml
4.	100 bp DNA Ladder,	50µg
5.	10X Taq Buffer with KCL & MgCl ₂ ,	4x1.25ml
6.	1-Amino 2 naphthol 4 sulphonic acid	100 gm
7.	2xMaster Mix	1.25ml
8.	4-Aminoantipyrine	100 gm
9.	Absolute Alcohol MS Grade	500ml
10.	Acetic Acid (Glacial AR)	500ml
11.	Acetic Acid (HPLC Grade)	500ml
12.	Acetic Anhydride	500 ml
13.	Acetic anhydride AR	500ml
14.	Acetone AR	
15.	Acetyl Acetone	100 ml
16.	Acid Sodium phosphate monohydrate	500gm
17.	Activated Charcoal	500gm
18.	Agar powder, Bacteriological,	500 gm
19.	Agarose	500gm
20.	Agarose Molecular Grade	100 gm
21.	Alcian Blue	25gm
22.	Alkaline Peptone water	500 gm
23.	Aluminium Chloride	500gm
24.	Amaranth Red Solution	500ml
25.	Ammonia Solution	500 ml

26.	Ammonium Acetate	500gm
27.	Ammonium chloride	500gm
28.	Ammonium ferri-sulphate	100gm
29.	Ammonium hydroxide AR	500 mL
30.	Ammonium hydroxide AR	500gm
31.	Ammonium molybdate	100 gm
32.	Ammonium sulphate	500 gm
33.	Ammonium Aluminium Sulphate	500 G
34.	Anaero gas pack	Qty in packs
35.	Anaerobic agar	500 gm
36.	Andrade's indicator	125 ml
37.	Anhydrous sodium sulphite	500 gm
38.	Aniline	500 ml
39.	Aniline blue	25gm
40.	Anti sera A, B, Rh(D)	5 ml
41.	ANTIBIOTIC DISC AMOXICILLIN, 10µg	Pack in 5ct
42.	ANTIBIOTIC DISC AMOXICILAV 30µg (AMOXICILLIN/ CLAVULANIC ACID)	Pack in 5ct
43.	ANTIBIOTIC DISC AZTREONAM, 30µg	Pack in 5ct
44.	ANTIBIOTIC DISC CEFOXITIN (30µg)	Pack in 5ct
45.	ANTIBIOTIC DISC CEFTAZIDIME, 30 mcg	Pack in 5ct
46.	ANTIBIOTIC DISC CEPHALEXIN, 30µg	Pack in 5ct
47.	ANTIBIOTIC DISC CIPROFLOXACIN, 5 µg	Pack in 5ct
48.	ANTIBIOTIC DISC CLINDAMYCIN (2µg)	Pack in 5ct

49.	ANTIBIOTIC DISC COLISTIN (10µg)	Pack in 5ct
50.	ANTIBIOTIC DISC ERYTHROMYCIN, 15µg	Pack in 5ct
51.	ANTIBIOTIC DISC GENTAMICIN, 10µg	Pack in 5ct
52.	Antibiotic disc Kanamycin (30µg)	Pack in 5ct
53.	Antibiotic disc Lincomycin (2µg)	Pack of 5ct
54.	ANTIBIOTIC DISC LINEZOLID, 30µg	Pack of 5ct
55.	ANTIBIOTIC DISC MEROPENEM, 10µg	Pack of 5ct
56.	Antibiotic disc Metronidazole (5µg)	Pack of 5ct
57.	ANTIBIOTIC DISC NALIDIXIC ACID, 30µg	Pack of 5ct
58.	Antibiotic disc Neomycin (30µg)	Pack of 5ct
59.	ANTIBIOTIC DISC NETILMICIN SULPHATE, 30µg	Pack of 5ct
60.	ANTIBIOTIC DISC NITROFURANTOIN, 300µg	Pack of 5ct
61.	ANTIBIOTIC DISC NOVOBIOCIN (5µg)	Pack of 5ct
62.	Antibiotic Disc Ofloxacin 5µg	Pack of 5ct
63.	ANTIBIOTIC DISC PIPERACILLIN/TAZOBACTAM , 100µg/10µg	Pack of 5ct
64.	ANTIBIOTIC DISC POLYMYXIN, 300 UNITS	Pack of 5ct
65.	ANTIBIOTIC DISC RIFAMPICIN (5µg)	Pack of 5ct
66.	ANTIBIOTIC DISC TEICoplanin, 30µg	Pack of 5ct
67.	ANTIBIOTIC DISC TOBRAMYCIN, 10µg	Pack of 5ct

68.	ANTIBIOTIC DISC VANCOMYCIN (30µg)	Pack of 5ct
69.	ANTIBIOTIC DISCS AMIKACIN, 30mc	Pack of 5ct
70.	ANTIBIOTIC DISCS Ceftriaxone, 30µg	Pack of 5ct
71.	ANTIBIOTIC DISCS IMIPENEM, 10µg	Pack of 5ct
72.	ANTIBIOTIC DISCS Penicillin (10 IU)	Pack of 5ct
73.	ANTIBIOTIC POWDER AMOXYCILLIN, 1gm	Pack of 5ct
74.	Antibiotic Powder Cephalexin	1 gm
75.	ANTIBIOTIC POWDER Chloramphenicol	5 gm
76.	ANTIOBIOTIC DISC CEFAZOLIN 30µg	Pack of 5ct
77.	Aromatic spirit of ammonia	500ml
78.	Ascorbic Acid	55gm
79.	Bacitracin Disc	Pack of 5ct
80.	Bacteriodes Bile Esulin	500 gm
81.	Barium Chloride / LR Grade	500gm
82.	Basic Fuchsin Stain	25gm
83.	Bentonite AR	500g
84.	Benzoic acid AR	500g
85.	Benzyl Benzoate AR	500ml
86.	Betadine IP	500 ml
87.	Betamethasone powder	5g
88.	Bicinconinic Acid	1 Lit
89.	Biebrich Scarlet	25gm
90.	Bile Salt Agar	500 gm
91.	Bile Salts	500 gm
92.	Bilirubin	100 mg
93.	Bismark Brown	100gm

94.	Borax AR	500gm
95.	Brain Heart Infusion Agar	500 gm
96.	Brain Heart Infusion Broth	500 gm
97.	Brewer thioglycollate medium	500 gm
98.	Bromine ampule	20 ml
99.	BSTFA + TMCS, 99 :1(Sylon BFT Kit)	10ml
100.	Butanol-1	500ml
101.	Calamine powder	400g
102.	Calcium carbonate AR	500g
103.	Calcium chloride	500g
104.	Calcoflour stain	25 gm
105.	Camphor AR	250g
106.	Carbol fuchsin	
107.	Carbolic Acid	500 ml
108.	Carmine	5gm
109.	Cary Blair transport medium	500 gm
110.	Charcol Activated	500gm
111.	Chloroform AR	2.5 ltr
112.	Cholesterol	25gm
113.	Cidex	5 ltr
114.	Citric Acid	
115.	Colcimid	10ml
116.	Columbia agar base	500 gm
117.	Complete medium for Lymphocyte culture	100ml
118.	Cooked Meat Medium	500 gm
119.	Coombs Sera	5 ml
120.	Copper Sulphate	500gm
121.	Corn Meal Agar	500 gm
122.	Creatinine	100 gm
123.	Crystal / CresylViolet	

124.	Cupric Nitrite	500gm
125.	DAPI-4'6 Diamino-2 Phenylindole	5mg
126.	Dermatophyte supplement	Vial
127.	Dermatophyte test agar base	500 gm
128.	Dettol	1 ltr
129.	Dexamethasone IP powder	5g
130.	Dexoxycholate Citrate Agar	500 gm
131.	Dextrose	
132.	Di Methyl Ether	500 ml
133.	Di Potassium hydrogen phosphate AR	500 gms
134.	Di Sodium Hydrogen Phosphate (Na ₂ HPO ₄)	500gm
135.	Diacetyl monoxime	100gm
136.	Diastase Powder	500gm
137.	Diethyl Ether	500ml
138.	Dimethyl amino benzaldehyde	500 gm
139.	Dimethyl Sulphoxide	500ml
140.	Disodium hydrogen ortho phosphate AR	500gm
141.	Disodium Hydrogen Phosphate AR	500gm
142.	DNA Ladder 100 bp	1ml
143.	dNTP'S	1ml
144.	DPBS	500ml
145.	DPX Mountant	250ml
146.	Dulcitol sugar disc	Vial
147.	EDTA	500 gm
148.	EDTA Di-sodium salt	500 gm
149.	EDTA Tri-SalPott.	100gm
150.	EggAlbuminflakes	500gm
151.	Eosin (Red)	25gm

152.	Eosin (Yellow)	25gm
153.	E-Test Strip for yeast: Amphoterecin B 0.002 – 32 µg/ml,	Pack of 10 strips
154.	E-Test Strip for yeast: Anidulafungin 0.002 – 32 µg/ml	Pack of 10 strips
155.	E-Test Strip for yeast: Capsfungin 0.002 – 32 µg/ml	Pack of 10 strips
156.	E-Test Strip for yeast: Fluconazole 0.016 – 256 µg/ml	Pack of 10 strips
157.	E-Test Strip for yeast: Fluorocytosine 0.002 – 32 µg/ml	Pack of 10 strips
158.	E-Test Strip for yeast: Itraconazole 0.002 – 32 µg/ml	Pack of 10 strips
159.	E-Test Strip for yeast: Ketoconazole 0.002 – 32 µg/ml	Pack of 10 strips
160.	E-Test Strip for yeast: Micafungin 0.002 – 32 µg/ml	Pack of 10 strips
161.	E-Test Strip for yeast: Voriconazole 0.002 – 32 µg/ml	Pack of 10 strips
162.	Ethanol	500 ml
163.	Ether AR	500 ml
164.	Ethidium Bromide	10 gm
165.	Ethyl Acetate(GC grade)	1 litre
166.	Ferric Chloride	500gm
167.	Ferrous Sulphate	500gm
168.	Formaldehyde	5 ltr
169.	Formalin	5 Ltr.
170.	Formic Acid	500ml
171.	Fructose	500 gm
172.	Galactose sugar disc	Vial
173.	Geimsa Stain Ready to use	500 ml
174.	Gelatin	500gm
175.	Giemsa stain	5 gm

176.	Giemsa stain in GURR's buffer	100ml
177.	Glacial Acetic Acid Extra pure	500 ml
178.	Glucose AR / LR grade	500 gm
179.	Glucose sugar disc	Vial
180.	Glutaraldehyde	250gm
181.	Glutathione	5gm
182.	Glycerin AR	500ml
183.	Glycerine	500ml
184.	Glycerol M.B.	500 ml
185.	Glycerol AR	500 ml
186.	Glycine, 100gm pack	100 gm
187.	GoldChloride	1gm
188.	Haematoxylin	100gm
189.	Haematoxylin powder	25gm
190.	Hand disinfectant	500ml
191.	Hard paraffin	5kg
192.	HCL	500ml
193.	Hemin powder	250 gm
194.	Heparin 25000 IU	1 pkt
195.	Hichrome candida agar base modified	500 gm
196.	Hicrome Candida selective supplement	Vial
197.	Hoechst Stain 33258	25mg
198.	Horse Serum	100 ml
199.	Hydrochloric Acid	500ml
200.	Hydrochloric acid AR	500ml
201.	Hydrochloric acid	500 ml
202.	Hydrogen chloride	500ml
203.	Hydrogen peroxide	500ml
204.	Hydroquinone	100 gm
205.	Immersion oil	100 ml
206.	Inhibitory Mold Agar	500 gm

207.	Iodine	25gm
208.	Iodine AR	500g
209.	Iodine crystal	25gm
210.	Iodine crystal	100 gm
211.	Iso propanol for mol. biology grade	500 ml
212.	Iso-amyl alcohol	500 ml
213.	Iso-leucine	100 gm
214.	Isopropyl Alcohol	1000ml
215.	JSB stain for plasmodium (readymade) A & B	1 ltr pack
216.	KaolinAR	500gm
217.	Kovac's Indole reagent	100 ml
218.	L- Arginine Monohydrate chloride, 25gm pack	25 gm
219.	Lactophenol cotton blue	100 ml
220.	Lactose	500gm
221.	L-asparagine monohydrate	25 gm
222.	Lb agar (1 bottle)	500ml
223.	LCMS MS grade Water	1litre
224.	L-cysteine HCL	25 gm
225.	Leishman Stain	25 gm
226.	Light Green	25gm
227.	Liquid Ammonia solution	500 ml
228.	Liquid Paraffin	500 ml
229.	Liquid phenol AR	500ml
230.	Liquid Paraffin Thick	500ml
231.	Lithium carbonate	25gm
232.	LJ medium slant for cultivation of M. tuberculosis	Bt.
233.	Loading Dye 6x, 1ml pack size	1 ml
234.	Loading Dye(100 bp)	1ml
235.	L-Ornithine Monohydrate	25 gm

	Chloride	
236.	Lysol (I.P.)	1ltr
237.	M. Spirit	5 ltr
238.	Mac Conkey agar	500 gm
239.	Mac Conkey Broth	500 gm
240.	Magnesium Chloride M.B.	100 gm
241.	Magnesium citrate	500 gm
242.	Magnesium sulphate	500 gm
243.	Malachite green	25 gm
244.	Maltose	500 gm
245.	Mannitol Certified	500 gm
246.	Menadione powder	1 gm
247.	Mercuric chloride	100gm
248.	Mercuric sulphate	500 gm
249.	MercurOxide(Red)	100gm
250.	Metanil Yellow	25gm
251.	Metaphosphoric acid	500 gm
252.	Methaline Blue	25 gms
253.	Methanol	2.5 ltr
254.	Methanol dry solv	2.5 ltr
255.	Methanol HPLC	500ml
256.	Methelene Blue	25gm
257.	Methyl Red	50gm
258.	Methyl salicylate AR	500ml
259.	Methyl Violet	25 gms.
260.	Methylated spirit	20L
261.	Methylene blue	25gm
262.	Methylene blue powder	25 gm
263.	Methylene blue	100 gm
264.	Methylene blue	125 ml
265.	MgCl ₂ 25mM for Taq Buffer	1.25 ml
266.	Molybdc Acid	100gm

267.	MOPS	100gm
268.	MR-VP Medium	500 gm
269.	Muellar hinton agar	500 gm
270.	Mycoplasma DAPI stain kit	10 test
271.	Mycoplasma Hoechst stain kit	100 test
272.	Mycoplasma PCR kits based on 16s-23s r RNA spacer region	25 gm
273.	N-Butanol	500ml
274.	Neomycin sulphate	5 gm
275.	Neutral Red Certified	25gm
276.	Nifedipine	5gm
277.	Nigrosin Stain 10% w/v	100 ml
278.	Ninhydrin	25 gm
279.	Nitric Acid Conc.	500 ml
280.	Nuclear Fast Red	25gm
281.	Nutrient agar	500 gm
282.	OF medium	500 gm
283.	Oil Red Ostain	25gm
284.	Optochin Disc (5µg),	Vial containing 50 discs
285.	Orthophosphoric acid	2.5 Lit
286.	Oxalic Acid	500ml
287.	Oxidase disc,	Vial containing 50 discs
288.	Oxoid Agar	500 gm
289.	Paraffin Wax (60-62 ⁰ c)	2 kg
290.	Paraformaldehyde	500gm
291.	PCR Master mix Containing Taq DNA Polymerase for 100 reactions	---
292.	PCR primers for Thalasemia MTHFR G6PD	25 bases

293.	PCR Primers for MMA	25 bases
294.	PCR primers used for mplification of coding sequences and intron- exon boundaries of exons 2–9	25 bases
295.	PCR product Purification kit from PCR reaction, 50 preps	---
296.	Pepper mint oil AR	500ml
297.	Peptone Water	500 gm
298.	Perchloric Acid	500 ml
299.	Periodic Acid AR	100 gms
300.	Periodic Acid Solution	25gm
301.	pH buffer tablets 4.0	Pack of 100
302.	pH buffer tablets 7.0	Pack of 100
303.	pH buffer tablets 9.2	Pack of 100
304.	pH. Indicator paper (3.5 -6.0)	Per 10 bkts
305.	pH. Indicator paper (6.5 -8.0)	Per 10 bkts
306.	Phenol Crystal	500 gm/ml
307.	Phenol Red	100 gm
308.	Phenol Saturated for M.B.	500 ml
309.	Phenolphthalein	100gm
310.	Phenyl Hydrazine	250 gm
311.	Phenyl phosphate disodium	100 gm
312.	Phosphate Buffer saline pH 7.4	1Lit
313.	Phospho Tungstic Acid	25 gms.
314.	Phosphomolybdic Acid	25gm
315.	Phosphotungstic Acid	25 gm
316.	Picric Acid	500gm
317.	PolyLysin0.1%rd	500ml
318.	Ponceau S solution	250ml
319.	Pot. hydroxide	500gm
320.	Pot. Metabisulphite	25 gms.
321.	Pot. Per Magnate	500g

322.	Pot.Iodide AR	500g
323.	Potassiiium ferricyanide	500 gm
324.	Pott. Ferrocynide AR	500 gm
325.	Potassium chloride AR	500g
326.	Potassium di hydrogen Ortho Phosphate (KH ₂ PO ₄)	500gm
327.	Potassium dichromate	500 gm
328.	Potassium hydroxide	500 gm
329.	Potassium iodide	500 gm
330.	Potassium Permagnate	500gm
331.	Potassium tellurite	25 gm
332.	Prednisolone powder	5g
333.	Prepared Sheep Blood Agar Plates, Each packet containing 50 plates	---
334.	Primers for analysis of the GHRd3	25bases
335.	Proteinase K for mol. Biology	100 gm
336.	PYG Broth	500 gm
337.	Pyridine	500ml
338.	Raffinose Sugar Disc	Vial
339.	Resorcinol	250 gm
340.	RPMI – 1640 Agar w/ MOPS and 2% Glucose	Twin Pack
341.	RPMI – 1640: W/L- glutamine WO-Sodium bicarbonate,	500 ml
342.	RPMI-1640	500ml
343.	Sabouraud dextrose agar (with antibiotics	500 gm
344.	Safranine	25gm
345.	Safranine	125 ml
346.	Salicylic acid AR	500g
347.	Savlon	1ltr
348.	Schiff Reagent	500ml

349.	Selenite F broth(twin pack) A&B	500 gm
350.	Silver Nitrate	100gm
351.	Simmon's Citrate Agar	500 gm
352.	Sod. Chloride A.R.	500gm
353.	Soda Lime	500gm
354.	Sod Hypochl. Solution	1ltr
355.	Sodium Actate AR	500G
356.	Sodium bicarbonate AR	500gm
357.	Sodium Carbonate	500gm
358.	Sodium Chloride AR	500gm
359.	Sodium Citrate AR	500g
360.	Sodium Dodecyl Sulphate, M.G.	100 gm
361.	Sodium Hydroxide AR	500gm
362.	Sodium hypochlorite solution (10%)	5 Ltr.
363.	Sodium lauryl sulphate AR	500g
364.	Sodium Metaperiodate	100 gm
365.	Sodium Nitroprusside	100 gm
366.	Sodium Phosphate dibasic AR	500gm
367.	Sodium Phosphotungstate	250gm
368.	Sodium potassium tartarate	500gm
369.	Sodium Hydrogen Phosphate	500gm
370.	Soft soap AR	500g
371.	Solid phase extraction kit	1 kit
372.	Spirit Methylated	5 lit
373.	Spirit chloroform AR	500ml
374.	Starch	500 gm
375.	Sterillium(J&J)	500ml
376.	Stuart's Transport Medium Base	100 gm
377.	Sucrose	500 gm
378.	Sudan Black Stain	25gm
379.	Sudan Black Stain Certified	25gm

380.	Sulphuric Acid AR	500ml
381.	Sulphuric Acid LR	2.5 ltr
382.	Sulphur Powder	500gm
383.	Surgical Needle B.Cuttings 12mm	---
384.	Suture Material Silk 1-0.	Reel
385.	TAE Buffer 10x	500 ml
386.	Tannic Acid AR	500gm
387.	Taq DNA Polymerase 5U/ul, 1000U pack	1000 U pack
388.	Taq Polymérase	1000unit
389.	TCBS Agar	500 gm
390.	Teepol	5ltr
391.	Tetrazolium blue AR	250gm
392.	Thymol AR	500gm
393.	Thymol Crystal	500 gm
394.	Tincture Cardamom AR	500ml
395.	Tincture Ginger	500ml
396.	Tolbutamide	25gm
397.	Toluidine Blue	25gm
398.	Tragacanth AR	500g
399.	Trehalose sugar disc	Vial
400.	Tri-Chloro Acetic Acid	250 gm
401.	Tri-Chrome stain (readymade)	500 ml
402.	Triolein	200gm
403.	Triple sugar iron Agar	500 gm
404.	Tris base, 1 Kg pack	1 kg
405.	Tris Hydrochloride	100 gm
406.	TrisPowderAR	500gm
407.	Trypsin	50ml
408.	Trypsin	100gm
409.	Turpentine Oil	500 ml
410.	Turpentine Oil AR	500ml

411.	Turpentine Oil IP	500ml
412.	Turpentine Oil	5 ml
413.	Tween -80 (Polyoxyethylene 20) monooleate water	500 ml
414.	Universal indicator	500 ml
415.	Uranyl Nitrate	100gm
416.	Urea	500 gm
417.	Urea 40%	5 ml
418.	Urea agar base	500 gm
419.	Uric Acid	100 gm
420.	VL medium,	500 gm
421.	Whatman Filter Paper 90mm diameter,	100/pack
422.	Whatman No. 3	1pkt
423.	Whatman 903 Protein Saver Cards,	100/pack
424.	White paraffin(Petroleum jelly)	500 gm
425.	Xylene	2.5 Ltr
426.	Xylose Lysine Deoxycholate agar	500 gm
427.	Xylose,	100 gm
428.	Yeast nitrogen base	100 gm
429.	Zentian Violet (Chrystal violet)	25 gm
430.	Zinc oxide AR	500 gm
431.	α – naphthol	500 gm
432.	2-thio barbituric acid AR	100 gm
433.	Bromophenol Blue	25 gm
434.	Butylated Hydroxy Toluene [BHT]	100 gm
435.	DAB substrate	10gm