

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021

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Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
1.	ABD Blood Group Set	3x10ml	0	48	300	5 set
2.	Adjustable Pipetts	10-100 uL	05	5	05	1
3.	Adjustable Pipetts	100-1000 uL	05	5	05	1
4.	Adjustable Pipetts	100-500 uL	05	5	05	1
5.	Adjustable Pipetts	500-1000 uL	05	5	05	0
6.	Albumin		12	8	0	0
7.	Alk. Phosphatase Kinetic		20	18	0	0
8.	Alpha Fetoprotein Elisa	96tests/kit	06	4	0	0
9.	Amylase Kinetic		20	16	0	0
10.	ANF/ANA/SLE	50 tests/kit	12	8	0	0
11.	Anti HCV (Elisa)		24	80	05	0
12.	APTT kit with Calcium Chloride		0	30	50	0
13.	ASO Titer	100 tests/kit	10	4	15	0
14.	Beta HCG (Elisa kit)	96test per kit	06	8	0	0
15.	Bilirubin Direct/Total DPD		10	0	0	1
16.	Bilirubin J&G		0	20	0	0
17.	Bilirubin Total DPD Auto		10	0	0	0
18.	Blood Agar Base	500gm/pack	08	4	0	0
19.	Blood Culture Bottles	50ml	400	1200	0	0
20.	Blood Lancet Disposable		300	30	500	40pkt
21.	Blood urea (E.P) Berth lot	R1 1000ml, R2 1000/kit	0	20	0	0
22.	Blood urea (U.V)	5x100ml	0	48	0	1
23.	Blue Tips Disposable		5000	80	20 PACK	5
24.	Brilliant Cresyl Blue	100gm	0	0	0	200gm
25.	Bulb UV	12volt/20watt	05	0	0	0
26.	Calcium		15	16	0	1
27.	Carbal Fuchsin powder for ZN stain	25g / pack	0	0	0	200gm
28.	Cedar Wood Oil Benzyle Benzeat immersion oil	Local 500 ml per pack	05	1	0	2 Ltr.
29.	Cell pack Sysmex (Diluents)	20 liters	200	50	0	4
30.	Centrifuge Tube	15ml Glasses	2000	0	0	0
31.	Chloride Electrode		0	0	01	0
32.	Cholesterol		14	24	0	1
33.	CK-MB Kinetic		24	28	0	0
34.	Cleaner (Human)	1L/pack	0	0	70	0
35.	Cleaning Solution Humalyte		0	1	03	0
36.	Cled Agar	500gm	5000gm	2	0	0
37.	Control Sera High	(Human Origin) 6x5ml	0	2	02	0
38.	Control Sera Low C. Calibrator	(Human Origin) 6x5ml	0	2	02	0
39.	Cover slips 100/pack	18x18mm 24x50mm Germany	500pack	0	300	35pack
40.	Cover Slips 22x22mm	200/pack Germany	250No.	200	0	1000pkt
41.	CPK NAC Kinetic		24 kits	48	0	0
42.	Creatinine (JEFECY)		28 kits	60	0	1

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			AHF	DHQ	GGH	FMU
43.	CRP		28	18	25	0
44.	CSF Protein Kit	5x25ml	08	4	0	0
45.	Culture Swab	100/pack	30000	30	20	0
46.	Cuvettes & Beads	1000 /pack	15 pack	0	0	0
47.	Daily Cleaner ABG	Sole Distributor	08	4	05	0
48.	Deionized Water		10000Ltr	600	0	0
49.	Dengue Antigen NS-1 Elisa		10 kits	3	01	0
50.	Dengue Elisa kit IgG	96tests/kit	20 kits	2	01	0
51.	Dengue Elisa kit IgM	96tests/kit	20 kits	3	01	0
52.	Diluent (Human)	20L/pack	0	0	50	0
53.	Diluent for CBC Analyzer M Series	20 liter/pack	200	0	50	0
54.	Disposable Petry Dishes	9cm	20000	0	0	0
55.	Disposable Serum Cup	1000/pack	15000	80	50	0
56.	Distill Water		10000 Ltr	600	0	0
57.	EDTA powder	Kg/pack	5 kg	0	0	1kg
58.	Electrode PCO ₂ & others	Sole Distributor	05	2	0	0
59.	ESR Pippete (Westergrens)		0	200	100	0
60.	Ethanol Absolute Alcohol	2.5 liter	2.5x8	4	0	20Ltr
61.	Evacuated Tube	Plain	450000	200000	150,000	0
62.	Evacuated Tube (sodium Citrate)	PT/APTT 100/Pack	350000	60000	300 PACK	0
63.	Evacuated Tube EDTA	100/Pack	450000	200000	3000 PACK	0
64.	Ferritin Elisa		15 kits	8	0	0
65.	Filter block Assay	Selectra-E	0	8	0	0
66.	Filter paper 11cm round	100/pack	200 Pack	0		40pkt
67.	Filter paper sheet 40x57cm	Size 40x57cm 100/pack Imported / Local	80	0		10pkt
68.	Filter Tips for micro pipettes	10-1000uL	0	96		
69.	Filter Tips for PCR 500-1000ul system	96 tip / pack	0	96		
70.	FSH Elisa	96tests/kit	06 kits	4		
71.	Gamma GT Kinetic		06 kits	0		
72.	Gimsa's Stain powder	Merck/BDH/Reidal 100gm/25gm	2000gm	0		200gm
73.	Glass slide	72/pack 50/pack	1000Pack	500	800 PACK	800pkt
74.	Glucose kit PAP/HK		14 kits	48		1
75.	Glycerine	2.5L/Pack	2.5x5	0		200Ltr
76.	Glycerol Laboratory Grade	2.5 liter	20 Ltr	0		
77.	Gram Iodine	100gm	200gm	0		200gm
78.	Gram Stain Set	4x500ml/set	15set	4		
79.	H. Pylori device	Single test	5000	300		
80.	Haematology Control Low	4.5ml	0	0	02	
81.	Haematology Control Normal	4.5ml	0	0	02	

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82.	Haematology Control High	4.5ml	0	0	02	
83.	HB-A1c	Any pack	0	8		
84.	HBsAg (Elisa)	96 tests/kit, 192 test/kit	18 kits	70	05	
85.	HBsAg ICT Method	Single device	50000	70000	60,000	
86.	HCL	Merck/BDH	10 Ltr	0		
87.	HCV ICT Method with buffer	Single device	50000	70000	60,000	
88.	HCV PCR kits according to machine (Real time)	96tests / kit	25 kits	40		
89.	HDL Cholesterol Direct		08 kits	2		
90.	Hemoglobin Standard	1.5ml/1ml	10	0		
91.	HIV Elisa	96tests/kit	08	12		
92.	HIV ICT Method	Device (Sin)	25000	8000	15,000	
93.	Hymalyte (Reagent Pack)	1000ml/pack	0	16	35	
94.	ICT Malaria Device		20000	200	15,000	
95.	ICT TB Device		8000	250	1500	
96.	Inorganic Phosphorous		08	4		
97.	Isopropyl alcohol reagent grade	2.5Liter	0	2		400Ltr
98.	K Electrode (Human)		0	0	01	
99.	LDH Kinetic		30	24		
100.	LH Elisa	96tests/kit	05	4		
101.	Lyse (Human)	1L/pack	0	0	30	
102.	Lyzer for CBC Analyzer M Series	5 liter/pack	200	0	50	
103.	MacConkey Agar	500gm/pack	12 pack	2		
104.	Methanol (Methyl Alcohol)	2.5 liter	1500 Ltr	12		60Ltr
105.	Micro Tips (2-10) uL Filter	96 tips / pack	0	96		
106.	Microscope bulb	6v20w	06	0		
107.	Moller Hinton Agar	500gm	2000gm	0		
108.	Montoux test /Tuberculin	5ml/50tests	25vial	24	05	
109.	Na/K/Li standard SEAK/Urine/Serum	10x5ml	0	4		
110.	New Methylene Blue	25gm	0	0		200gm
111.	Nutrient Agar Base/Sensitive Agar	500gm/pack	12pack	3		
112.	Occult Blood Strips /Card	100/pack or 50/pack	10pack	2		
113.	Petri Dish	15cnn	20000	400		
114.	PH paper (1-10 range)	Roll	10pack	0		10 roll
115.	Plastishine (clay)		30kg	240		5kg
116.	Pregnancy Test Strips	Single Strip	3000	1600	15,000	500Nos.
117.	Prolactin Elisa	96tests/kit	10	4		
118.	Protein (Biuret)		10	8		
119.	PTT		0	120	50 KIT	
120.	Quality Control ABG	Sole Distributor	05	1	05	
121.	RA Factor	40/50/100 tests/kit	25	12	25	

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122.	Reaction Rotor	Selectra-E	0	12		
123.	Reagent Module ABG	Sole Distributor	53	18		
124.	Reagent syringe	100ml/Vital Diagnostic	0	1		
125.	Reticulocyte Stain	100ml/500ml	1500ml	2		1 Ltr
126.	Robin bleach	500ml bottle	3000ml	24	15	
127.	RPR (Syphilis)	Single Device	15000	1000	15,000	
128.	Sample syringe	100ml/Vital Diagnostic	0	1		
129.	Sensitivity Disc List attached	50/pack	1000pack	140		
130.	Serum Iron		05	4		
131.	Serum TIBC		05	4		
132.	Service kit for water pump	Selectra-E	0	1		
133.	Service Kit Water Pump	Selectra	0	1		
134.	SGOT		20	6		
135.	SGPT (IFFC) 5.17534.001		20	24		1
136.	Sputofloul for analyzer Selectra-E	Any pack	0	2		
137.	SS Agar	500gm	05	1		
138.	Stromatolyser Sysmex	500ml	200	50		4
139.	Sulphosalicylic Acid	kg	1000gm	0		3kg
140.	Sulphuric Acid	2.5 liter	0	0		20 Ltr
141.	System Cleaning Solution	Selectra-E	0	2		
142.	System Solution	Selectra-E	0	50		
143.	T3 kit Elisa	96/tests/kit 192 test	10	20		
144.	T4 kit Elisa	96/tests/kit 192 test	10	20		
145.	Test Tube	12x100mm 100/ pack	1200	0		
146.	Test tube 4" Glass	100/ Pack	1000	8000	300 PACK	
147.	Test Tube plastic 13x75mm	250/pack 500/pack	6000	24000		
148.	Test tube rack plastic	Local	10	12	10	
149.	Test tube rack stainless steal different sizes	Steel	10	12		
150.	Test Tubes 6" x 1/2" Large	100/Pack	10	0		
151.	Thermal Paper Roll	20meter Roll Local	800	96	100	
152.	Thermal Paper Roll (Imported) Medica USA	Sole Distributor	200	96		
153.	Three way valve	Selectra-E	0	1		
154.	Timing Belt	Selectra-E	0	2		
155.	Transport Media		500	0		
156.	Triglycerides		10	24		
157.	Trop-I Rapid Device	Single Test	10000	200	5000	
158.	Troponin (cardiac marker) Trop - T	Single device	5000	120		
159.	TSH kit Elisa	96/tests/kit 192 test	15 kits	30		
160.	Typhidot (Ig M / IgG)	30 device per pack	0	1200	100 PACK	
161.	Urea (Kinetic)		30 kits	0		
162.	Uric Acid		08	20		1
163.	Urine Container Ordinary	30ml	50000	80000	70,000	

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164.	Urine Container Sterile	30ml	20000	1200		
165.	Urine Strip 10 parameter	100/Bottle	50pack	520	450 BOTTLES	10Bottle
166.	Urine strips 4 parameters Glucose Protein PH Specific Gravity	100/pack 04 parameters	60 Bottle	0		
167.	Widal Test	4vial /set each vial 5ml	10 set	4	05	
168.	Xylene Commercial	01 liter	0	1		200 Ltr
169.	Yellow Tips Disposable	Pack	30000	200	50	5pkt
170.	ZN Stain set	3x500ml/set	08 set	4		
171.	Acetic Acid Glacial	2.5 Liter	0	1		25Ltr
172.	Acetone	2.5 Liter/ bottle	0	0		400Ltr
173.	Acid Formic	2.5liters/Bottle	0	0		5Ltr
174.	Acid Hydrochloric	2.5liters	0	0		20Ltr
175.	Acid Nitric	2.5 Liter	0	0		5Ltr
176.	Acid Phosphomolybdic	100gm, 500gm	0	0		1kg
177.	Acid Picric	500gm	0	0		1kg
178.	Acid Stearic	500gm	0	0		1kg
179.	Acid Sulphosalicylic	kg	05 kg	0		3kg
180.	Acid Sulphuric	2.5Ltr	0	0		20Ltr
181.	Acid Tannic	500gm	0	0		1kg
182.	Acid Trichloroacetic	500gm		0		6kg
183.	Acid Tungstophosphoric	100gm		0		500gm
184.	Acid Uric	100gm		0		500gm
185.	Alpha Naphthol	Kg		0		1kg
186.	Aluminium Ammonium Sulphate	500gm		0		1kg
187.	Amm. Ferric Sulphate	500gm		0		1kg
188.	Ammonium Molybdate	500gm, kg		0		1kg
189.	Ammonium Sulphate	500gm, kg		0		2kg
190.	Amonia Liquid	2.5 Liter		0		5Ltr
191.	Balls vial	1x1850	30 pack	0		
192.	Barium Chloride	500gm, kg		0		1kg
193.	Barrette cuvettes	4x150/box	30	0		
194.	Benedict's Qualitative soln.	400ml, 450ml		0		20Ltr
195.	Benzidine	100gm		0		200gm
196.	Bismuth Carbonate	500gm, kg		0		1kg
197.	Blood culture bottle	25ml / 50ml	800	0		
198.	Boric powder	Kg		0		5kg
199.	Bromine	100gm, 500gm		0		1kg
200.	Calcium Chloride	500gm		0		2kg
201.	Canada Balsam	400ml, Liter		0		2Ltr
202.	Capillary Tubes	50/set, 100 tubes		0		40pkt
203.	Carbolic Acid	Kg		0		50kg
204.	Carystal Violet	Gm		0		200gm
205.	Carmine			0		500gm
206.	Casein			0		1kg

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207.	Castor Oil	Liter		0		5Ltr
208.	Chloroform	2.5 Liter		0		5Ltr
209.	Cholesterol			0		200gm
210.	Copper Sulphate	500gm/Kg		0		1kg
211.	Creatinine powder			0		500gm
212.	Cupric Acetate	500gm		0		1kg
213.	D/Syringe	B.D 100 No Pack		0		70pack
214.	Dettol	4.5 liter	50 Ltr	0		400Ltr
215.	D.P.X Mount	Original		0		1Ltr
216.	Di-Potassium Hydrogen Phosphate	500gm		0		1kg
217.	Electrode calcium (ABG)		4	0	01	
218.	Electrode PH (ABG)		4	0	01	
219.	Electrode PO2 (ABG)		4	0	01	
220.	Electrode Potassium (ABG)		4	0	01	
221.	Electrode sodium (ABG)		4	0	01	
222.	Eosin powder	25gm	100gm	0		200gm
223.	Eosin Stain	25gm	100gm	0		200gm
224.	Farmaline	2.5Liter		1		500Ltr
225.	Ferric Chloride			0		1kg
226.	Filter Tips for PCR 200ul system	96 tip / pack	15pack	96		
227.	Filter Tips for PCR 100ul system	96 tip / pack	15pack	96		
228.	Fructose	500mg, kg	0	0		1kg
229.	Glucose	1000ml kit	12 kits	0		
230.	Glycerol (commercial)	Local 2.5Liter / 5 liter		0		20Ltr
231.	Gram Iodine	gm		0		200gm
232.	Haematoxline	25gm		0		200gm
233.	Hydrochloric Acid	2.5Liter		0		20Ltr
234.	Hydrogen Per Oxide	Liter		0		10Ltr
235.	Iodine	500gm		0		1kg
236.	Kaolin powder	50gm		0		500gm
237.	Lactose Powder	500gm		0		1kg
238.	LDL Cholesterol	100ml	10 kits	0		
239.	Lead Acetate	500gm	0	0		1kg
240.	Lint Surgical	Meter Local/imported	2000 meter	0		50Mtr
241.	Maltose powder	500gm		0		1kg
242.	Mercuric Chloride	500gm		0		1kg
243.	Mercuric oxid	25gm		0		500gm
244.	Mercuric Red (oxide)	25gm		0		200gm
245.	Mercuric Sulphate	500gm		0		1kg
246.	Methyle Orange	100gm, 25gm		0		500gm
247.	Nin Hydrine	100gm		0		500gm
248.	Pap Stain Kit	3x500ml	6 set	2		2Ltr
249.	Paper role for stago coagulation		50 pack	0		
250.	Paraffin Wax	Kg		0		200kg
251.	Pepsin	Kg		0		1kg

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252.	PH Paper (0.5-1)	Roll		0		10 roll
253.	Phenolphthalein	500gm		0		500gm
254.	Phenyl Hydrazine HCL	100gm		0		1kg
255.	Phloroglucinol	25gm		0		500gm
256.	Pot. Citrate	500gm		0		1kg
257.	Potassium Acetate	Kg		0		1kg
258.	Potassium Alum	1000gm		0		1kg
259.	Potassium Aluminium Sulphate	Kg		0		1kg
260.	Potassium Chloride	Kg		0		2kg
261.	Potassium Dichromate	Kg		0		2kg
262.	Potassium Ferrocyanide	500gm		0		1kg
263.	Potassium Iodide	500gm		0		1kg
264.	Potassium Nitrate	500gm		0		1kg
265.	Potassium oxalate	Kg		0		2kg
266.	Potassium Thiocynate	Kg		0		1kg
267.	Powderless Gloves		5000	100		40000No.
268.	Pump tube (ABG)		05	2	01	
269.	Resin (Fixator)	500gm		0		1kg
270.	Resorcinol	100gm		0		500gm
271.	Silver Nitrate	500gm		0		1kg
272.	Sodium Acetate	Kg		0		2kg
273.	Sodium Bicarbonate	Kg		0		2kg
274.	Sodium Bromide	500gm		0		1kg
275.	Sodium Carbonate	Kg		0		2kg
276.	Sodium Chloride	Kg		0		2kg
277.	Sodium Citrate	Kg		0		2kg
278.	Sodium Dihydrogen Phosphet	Kg		0		1kg
279.	Sodium Hydroxide	Kg		0		2kg
280.	Sodium Nitrate	Kg		0		1kg
281.	Sodium Nitroprusside	100gm		0		500gm
282.	Sodium Taurocholate	500gm		0		500gm
283.	Soft Paraffin	Local		0		10kg
284.	Spirit Ammonia	Liter		0		5Ltr
285.	Spirit Methylated	Commercial Rate / Liter		0		400Ltr
286.	Stain Hemotoxylin Powder	25gm		0		200gm
287.	Stain Eosine (powder)	25gm		0		200gm
288.	Strychnine Powder	100gm		0		100gm
289.	Sudan black kit			0		2Ltr
290.	Sulphur powder	Kg		0		1kg
291.	Stain Gentian Violet / Crystal Violet	gm		0		200gm
292.	Stain Carbol Fouschin	gm		0		200gm
293.	Stain Fuschin Basic	gm		0		200gm
294.	Stain Giemsa's Powder	gm	1500gm	0		500gm
295.	Stain Pap kit	3x500ml	05	0		2Ltr

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296.	Stain Safranin			0		100gm
297.	Test tube Glass 4.5"		5000	0		
298.	Tincture Cardco	Liter		0		5Ltr
299.	Turpentine oil	Liter		0		5Ltr
300.	Urea powder	500gm		0		1kg
301.	Urinyl Acetate	100gm		0		300gm
302.	Xylol	2.5liter		0		200Ltr
303.	Parts for ABG Analyzer Medica	Tubing set	2 set	0		
304.	Sodium fluoride	Evacuated tube	80000	0		
305.	Dengue PCR Kit	For Genotype & Detection	05	1		
306.	Reference Electrode		3	0		
307.	Sensor Module		2	0		
308.	Daily cleaner (ABG)		10	8	10	
309.	Thermal paper roll (ABG)		500	0		
310.	Quality control (ABG)		6	0	05	
311.	Syringe Dilutor		1	0		
312.	Foil key pad for Humalyzer Plus 3000		5	0		
313.	Lamp for Humalyzer Plus 3000		7	0		
314.	HBsAg PCR Quantitative (Amplification + Extraction) (1x96 test) with consumble		5 kits	0		
315.	Gloves RNas,, DNas, Pyrogen Free			100		
316.	Gawze Piece / Role		100	0		
317.	Racks for PCR			4		
318.	Reagent Module ABG Nova		68	0	25	
319.	Daily Cleaner ABG Nova		8	0	10	
320.	Thermal Paper roll Nova		500	0		
321.	Quality Control ABG Nova		5	0	05	
322.	Paper Roll Nova		500	0		
323.	Power supply board	Huma Clot Junior	2	0		
324.	ALBUMIN liquicolor HumaStar 600	6x150Test		0	15 KIT	
325.	ALKALINE PHOSPHATASE opt. liquicolor (DGKC) HumaStar 600	3x250Test		0	45 KIT	
326.	a-AMYLASE liquicolor HumaStar 600	3x260Test		0	07 KIT	
327.	auto-BILIRUBIN D liquicolor HumaStar 600	5x210Test		0	30 KIT	
328.	auto-BILIRUBIN T liquicolor HumaStar 600	5x210Test		0	30 KIT	
329.	CALCIUM liquicolor HumaStar 600	3x430Test		0	10 KIT	
330.	CHOLESTEROL liquicolor HumaStar 600	3x150Test		0	15 KIT	
331.	CK MB liquiUV HumaStar 600	2x100Test		0	15 KIT	
332.	CK NAC activated liquiUV HumaStar 600	2x180Test		0	12 KIT	
333.	auto-CREATININE liquicolor HumaStar 600	5x250Test		0	35 KIT	

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334.	g-GT liquicolor HumaStar 600	3x250Test		0	03 KIT	
335.	Glucose liquicolor HumaStar 600	6x210Test		0	15 KIT	
336.	GOT (ASAT) liquiUV HumaStar 600	5x310Test		0	10 KIT	
337.	GPT (ALAT) liquiUV HumaStar 600	5x310Test		0	35 KIT	
338.	HDL CHOLESTEROL liquicolor HumaStar 600	2x180Test		0	20 KIT	
339.	IRON TPTZ liquicolor HumaStar 600	2x180Test		0	15 KIT	
340.	LDH liquiUV HumaStar 600	2x180Test		0	15 KITS	
341.	LDL CHOLESTEROL liquicolor HumaStar 600	2x90Test		0	20 KIT	
342.	PHOSPHORUS liquirapid HumaStar 600	4x60Test		0	05 KIT	
343.	TOTAL PROTEIN liquicolor HumaStar 600	6x210Test		0	12 KIT	
344.	TRIGLYCERIDES liquicolor HumaStar 600	3x210Test		0	15 KIT	
345.	UREA liquiUV HumaStar 600	5x250Test		0	40 KIT	
346.	URIC ACID liquicolor HumaStar 600	5x250Test		0	15 KIT	
347.	CK-MB Calibrator	2x1		0	02	
348.	Chimney	16 Pcs.		0	05	
349.	Diluent	4x20ml		0	10	
350.	Cuvette Clean	6x55ml		0	15	
351.	Tip Cleaning Kit	2x4x20ml		0	15	
352.	Additive for Washing Water	4x25ml		0	15	
353.	Reaction Cuvette	1x1200pcs		0	03	
354.	Diluent for CBC Analyzer (Swelab)	20 Liter/pack	100	130		
355.	Lyzer for CBC Analyzer (Swelab)	5 Liter/pack	100	120		
356.	Hematology control (Swelab)	3X3ML/SET	5	4		
357.	HbA1c (Beckman Coulter AU680)	2x37.5 ml + 2x7.5 ml + 2x34.5 ml 5x2 ml Calibrator	8	0		
358.	HbA1c Control (Beckman Coulter AU680)	4x1 ml	4	0		
359.	HbA1C Denature Reagent (Beckman Coulter AU680)	1000 ml	3	0		
360.	Serum Protein Calibrator (Beckman Coulter AU680)	6x2 ml	3	0		
361.	Serum Protein Calibrator 2 (Beckman Coulter AU680)	5x2 ml	3	0		
362.	Serum Protein Control 1 (Beckman Coulter AU680)	6x2 ml	3	0		
363.	Serum Protein Control 2 (Beckman Coulter AU680)	6x2 ml	3	0		
364.	Serum Protein Control 3 (Beckman Coulter AU680)	6x2 ml	3	0		
365.	ALT (Beckman Coulter AU680)	4X50ml + 4x25ml (3920 Tests)	15	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 10

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
366.	Albumin (Beckman Coulter AU680)	4x54 ml (4560 Tests)	8	0		
367.	ALP (Beckman Coulter AU680)	4X30 ml + 4x30 ml (3280 Tests)	10	0		
368.	Amylase (Beckman Coulter AU680)	4x40 ml (960 Tests)	12	0		
369.	AST (Beckman Coulter AU680)	4X25 ml + 4x25 ml (3920 Tests)	12	0		
370.	Bicarbonate (Beckman Coulter AU680)	4x25 ml (2320 Tests)	08	0		
371.	Bicarbonate Calibrator (Beckman Coulter AU680)	3x25 ml	03	0		
372.	Calcium (Beckman Coulter AU680)	4x15 ml (2800 Tests)	12	0		
373.	Cholesterol (Beckman Coulter AU680)	4x35 ml (7320 Tests)	12	0		
374.	CK-MB (Beckman Coulter AU680)	2x22 ml+2x4m +2x6 ml(460 Tests)	12	0		
375.	CK-MB Calibrator (Beckman Coulter AU680)	6x1 ml	03	0		
376.	CK- MB Control Level 1 (Beckman Coulter AU680)	9x2 ml	03	0		
377.	CK- MB Control Level 2 (Beckman Coulter AU680)	9x2 ml	03	0		
378.	CK (NAC) (Beckman Coulter AU680)	4X22 ml + 4x4 ml + 4x6ml(920 Tests)	12	0		
379.	Creatinine (Beckman Coulter AU680)	4x51 ml +4x51ml (3960 Tests)	15	0		
380.	Direct Bilirubin (Beckman Coulter AU680)	4x6 ml + 4x6ml (920 Tests)	12	0		
381.	GGT (Beckman Coulter AU680)	4x18 ml + 4x18 ml (1000 Tests)	06	0		
382.	Glucose (Beckman Coulter AU680)	4x53 ml + 4x27 ml (5200 Tests)	10	0		
383.	HDL Cholesterol (Beckman Coulter AU680)	4x27 ml + 4x9ml (740 Tests)	08	0		
384.	Phosphorous (Beckman Coulter AU680)	4x15 ml + 4x 15 ml (2360 Tests)	08	0		
385.	Iron (Beckman Coulter AU680)	4x15 ml 4x15 ml (2000 Tests)	06	0		
386.	LDH (Beckman Coulter AU680)	4X40 ml + 4x20 ml (2560 Tests)	10	0		
387.	LDL- Cholesterol (Beckman Coulter AU680)	4x27 ml + 4x9 ml (740 Tests)	06	0		
388.	Lipase (Beckman Coulter AU680)	4x30 ml + 4x10 ml (720 Tests)	04	0		
389.	Magnesium (Beckman Coulter AU680)	4x40 ml (1000 Tests)	04	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 11

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
390.	Total- Bilirubin (Beckman Coulter AU680)	4x40 ml + 4x40 ml (6280 Tests)	06	0		
391.	Total- Protein (Beckman Coulter AU680)	4x25 ml + 4x25 ml (3000 Tests)	08	0		
392.	Triglyceride (Beckman Coulter AU680)	4x50 ml + 4x12.5 ml (3000 Tests)	10	0		
393.	Urea (Beckman Coulter AU680)	4x53 ml + 4x53 ml (4920 Tests)	15	0		
394.	Uric Acid (Beckman Coulter AU680)	4x30 ml + 4x12.5 ml (2500 Tests)	13	0		
395.	Urinary/CSF Protein with Calibrator (Beckman Coulter AU680)	4x19 ml + 3ml Cal (500 Tests)	05	0		
396.	Multi Calibrator (Beckman Coulter AU680)	20x5 ml	03	0		
397.	Multi Control- 1 (Beckman Coulter AU680)	20 x 5ml	03	0		
398.	Multi Control- 2 (Beckman Coulter AU680)	20x5ml	03	0		
399.	HDL/LDL Cholesterol Control (Beckman Coulter AU680)	6x5 ml	03	0		
400.	HDL/ Cholesterol Calibrator (Beckman Coulter AU680)	2x3 ml	03	0		
401.	LDL/Cholesterol Calibrator (Beckman Coulter AU680)	2x1 ml	03	0		
402.	Wash Solution (Beckman Coulter AU680)	6x2ml	10 Pack	0		
403.	Contamination Avoidance (Beckman Coulter AU680)	4x54 ml	03	0		
404.	ISE Buffer (Beckman Coulter AU680)	4x2 ml	03	0		
405.	ISE Mid Standard (Beckman Coulter AU680)	4x2 ml	02	0		
406.	ISE Reference (Beckman Coulter AU680)	4x1 ml	02	0		
407.	ISE Cleaning Solution (Beckman Coulter AU680)	6x500 ml	05	0		
408.	ISE Low Serum Standard (Beckman Coulter AU680)	4x100 ml	03	0		
409.	ISE High Serum Standard (Beckman Coulter AU680)	4x100 ml	03	0		
410.	Sodium Electrode (Beckman Coulter AU680)	1 unit	03	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 12

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED		TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
411.	Potassium Electrode (Beckman Coulter AU680)	1 unit	03	0		
412.	Chloride Electrode (Beckman Coulter AU680)	1 unit	03	0		
413.	Reference Electrode (Beckman Coulter AU680)	1 unit	03	0		
414.	Lamp (Beckman Coulter AU680)	1 unit	03	0		
415.	PMC kit - 12 Months (Beckman Coulter AU680)	1 unit	01	0		
416.	Sample Probe (Beckman Coulter AU680)	1 unit	02	0		
417.	Reagent Probe (Beckman Coulter AU680)	1 unit	02	0		
418.	Wash Nozzle Joints (Beckman Coulter AU680)	1 Pack	02	0		
419.	Mixing bar – spiral (Beckman Coulter AU680)	1 Pack	02	0		
420.	Mixing bar – L shape (Beckman Coulter AU680)	1 Pack	02	0		
421.	Deionized Water/ Sample Probe Filter (Beckman Coulter AU680)	1 Pack	02	0		
422.	Detergent Rolling Tube (Beckman Coulter AU680)	1 Pack	02	0		
423.	O-ring of Vacuum Jar (Beckman Coulter AU680)	1 Pack	01	0		
424.	AU680 PMC kit (Waster Pump) (Beckman Coulter AU680)	1 Pack	01	0		
425.	AU680 PMC kit (Vacuum Pump) (Beckman Coulter AU680)	1 Pack	01	0		
426.	ISE Tube – Rolling Tube (Beckman Coulter AU680)	1 Pack	01	0		
427.	ISE Tube – Tube between Sample Pot and Electrode Unit, and T-Connector (Beckman Coulter AU680)	1 Pack	01	0		
428.	ISE Tube – Pinch Valve Tubing (Beckman Coulter AU680)	1 Pack	02	0		
429.	ISE Tube –REF Block Side Drain Tube (Tube Set 2) (Beckman Coulter AU680)	1 Pack	01	0		
430.	ISE Tube – Drain Tube (Beckman Coulter AU680)	1 Pack	01	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 13

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
431.	Lipase	4x100ml	02	0		
432.	Aluminum Foil Paper	10 meter	500	0		
433.	Disposable Mask	1x50 pcs	10000	0	60	8000
434.	Disposable Cap	1x50pcs	10000	0		
435.	Disposable Gloves	1x100pcs	10000	0	250	5000
436.	Ferritin Beckman Coulter Access-2	100 Tests	12	0		
437.	Ferritin Calibrator Beckman Coulter Access-2	Variable	03	0		
438.	Troponin I Beckman Coulter Access-2	100 Tests	2000	0		
439.	Troponin I Calibrator Beckman Coulter Access-2	Variable	02	0		
440.	Estradiol Beckman Coulter Access-2	100 Tests	01	0		
441.	Estradiol Calibrator Beckman Coulter Access-2	Variable	01	0		
442.	FSH Beckman Coulter Access-2	100 Tests	05	0		
443.	FSH Calibrator Beckman Coulter Access-2	Variable	01	0		
444.	HCG Beckman Coulter Access-2	100 Tests	06	0		
445.	HCG Calibrator Beckman Coulter Access-2	Variable	01	0		
446.	LH Beckman Coulter Access-2	100 Tests	05	0		
447.	LH Calibrator Beckman Coulter Access-2	Variable	01	0		
448.	Progesterone Beckman Coulter Access-2	100 Tests	01	0		
449.	Progesterone Calibrator Beckman Coulter Access-2	Variable	01	0		
450.	Prolactin Beckman Coulter Access-2	100 Tests	05	0		
451.	Prolactin Calibrator Beckman Coulter Access-2	Variable	01	0		
452.	Testosterone Beckman Coulter Access-2	100 Tests	01	0		
453.	Testosterone Calibrator Beckman Coulter Access-2	Variable	01	0		
454.	Rubella IgG Beckman Coulter Access-2	100 Tests	01	0		
455.	Rubella IgG Calibrator Beckman Coulter Access-2	Variable	01	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 14

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
456.	Rubella IgM Beckman Coulter Access-2	100 Tests	01	0		
457.	Rubella IgM Calibrator Beckman Coulter Access-2	Variable	01	0		
458.	Toxoplasma IgG Beckman Coulter Access-2	100 Tests	01	0		
459.	Toxoplasma IgG Calibrator Beckman Coulter Access-2	Variable	01	0		
460.	Toxoplasma IgM Beckman Coulter Access-2	100 Tests	01	0		
461.	Toxoplasma IgM Calibrator Beckman Coulter Access-2	Variable	01	0		
462.	Cortisol Beckman Coulter Access-2	100 Tests	01	0		
463.	Cortisol Calibrator Beckman Coulter Access-2	Variable	01	0		
464.	H Growth Hormone Beckman Coulter Access-2	100 Tests		0		
465.	Vitamin D Beckman Coulter Access-2	100 Tests	05 kit	0		
466.	Vitamin D Calibrator Beckman Coulter Access-2	Variable	01	0		
467.	Free T3 Beckman Coulter Access-2	100 Tests	03	0		
468.	Free T3 Calibrator Beckman Coulter Access-2	Variable	01	0		
469.	Free T4 Beckman Coulter Access-2	100 Tests	03	0		
470.	Free T4 Calibrator Beckman Coulter Access-2	Variable	01	0		
471.	T3 Beckman Coulter Access-2	100 Tests	12	0		
472.	T3 Calibrator Beckman Coulter Access-2	Variable	02	0		
473.	T4 Beckman Coulter Access-2	100 Tests	12	0		
474.	T4 Calibrator Beckman Coulter Access-2	Variable	02	0		
475.	TSH 3rd Gen. Beckman Coulter Access-2	100 Tests	15	0		
476.	TSH 3rd Gen. Calibrator Beckman Coulter Access-2	Variable	02	0		
477.	AFP Beckman Coulter Access-2	100 Tests	04	0		
478.	AFP Calibrator Beckman Coulter Access-2	Variable	01	0		

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED		TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
479.	PSA Beckman Coulter Access-2	100 Tests	02	0		
480.	PSA Calibrator Beckman Coulter Access-2	Variable	01	0		
481.	HBsAg Beckman Coulter Access-2	100 Tests	18	0		
482.	HBsAb Calibrator Beckman Coulter Access-2	Variable	03	0		
483.	HIV Beckman Coulter Access-2	100 Tests	05	0		
484.	HIV Calibrator Beckman Coulter Access-2	Variable	01	0		
485.	HCV Beckman Coulter Access-2	100 Tests	18	0		
486.	HCV Calibrator Beckman Coulter Access-2	Variable	03	0		
487.	Immunoassay Control Level 1 Beckman Coulter Access-2	12 x 3 ml	02	2		
488.	Immunoassay Control Level 2 Beckman Coulter Access-2	12 x 3 ml	02	2		
489.	Substrate Beckman Coulter Access-2	2400 Tests	12 Pack	0		
490.	Wash Buffer II Beckman Coulter Access-2	4 x 1950 ml	12 Pack	0		
491.	Reaction Vessels Beckman Coulter Access-2	1568 RV	10 Pack	0		
492.	Sample cups 2 ml Beckman Coulter Access-2	1000 Cups	10000	0		
493.	Sample Diluent Beckman Coulter Access-2	4ml	05 Kits	0		
494.	Citranox Beckman Coulter Access-2	1 G	1G	0		
495.	Contrad 70 Beckman Coulter Access-2	1 L	01 liter	0		
496.	System Check Beckman Coulter Access-2	6 x 4 ml	02	0		
497.	PMC kit (Major) Beckman Coulter Access-2	1 kit	01	0		
498.	Small Sample cup	0.5 ml	10000	0		
	BACT ALERT MEDIA					
499.	BACT ALERT SA Beads Cat # 259789	Biomerieux	800	0		
500.	BACT ALERT PF Beads Cat # 259794	Biomerieux	400	0		
501.	Hc5L Diluent	20 ltr	40Ltr	0		
502.	Hc5L-Diff	1 ltr	02Ltr	0		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 16

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
503.	Hc5I-Lyse	5 ltr	20Ltr	0		
504.	HC Calibrator	2ml	03	0		
505.	Reaction Cuvettes for auto coagulation	pack	5000	0	15,000	
506.	Antibody Diluent	500ml 1000test		0		1 vial
507.	Envision Flex Mini kit (Ditection kit)	500test kit Dako 600test		0		1
508.	Estrogen Receptor (ER)	6ml Dako (75test)		0		1
509.	Her2New	0.2ml (Concentrated) 300 test		0		1
510.	IHC Slide	500 slide box (5x100) 600test		0		6 box
511.	Ki-67	6mlDako (75test)		0		1
512.	Progesterone Receptor	6ml Dako (75test)		0		1 vial
513.	Heat Extractor	1.40471E+11		0		1
514.	Nitrogen Sipray			0		1
515.	OCT Compund	Optium		0		1 pack
516.	Sod. Hypo chlorid	Merck/BDH/Sigma Rate/Liter		0		100 Ltr.
517.	MHA Media	500g		2		
518.	Hemocyto Meter			1		
519.	ALB-Albumin Siemens Dimension EXL-200	480 Tests		8		
520.	BUN-Urea Nitrogen Siemens Dimension EXL-200	480 Tests		12		
521.	CA-Calcium Siemens Dimension EXL-200	480 Tests		3		
522.	CHOL-Cholesterol Siemens Dimension EXL-200	480 Tests		8		
523.	CREA-Creatinine Siemens Dimension EXL-200	480 Tests		12		
524.	HA1C-Glycated Hemoglobin (Including Calibrations) Siemens Dimension EXL-200	120 Tests		2		
525.	IBCT- Automated Total Iron Binding Capacity Siemens Dimension EXL-200	240 Tests		2		
526.	IRN-Iron Siemens Dimension EXL-200	240 Tests		2		
527.	GLUC-Glucose (revised) Siemens Dimension EXL-200	1440 Tests		6		
528.	TBIL-Total Bilirubin Siemens Dimension EXL-200	480 Tests		10		
529.	TP-Total Protein Siemens Dimension EXL-200	480 Tests		8		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 17

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED		TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
530.	TGL-Triglycerides Siemens Dimension EXL-200	480 Tests		8		
531.	UCFP- Urine/Cerebrospinal Fluid Protein Siemens Dimension EXL-200	80 Tests		3		
532.	URCA-Uric Acid Siemens Dimension EXL-200	480 Tests		6		
533.	ALP-Alkaline Phosphates Siemens Dimension EXL-200	360 Tests		18		
534.	ALT-Alanine Aminotransferase (GPT) Siemens Dimension EXL-200	240 Tests		24		
535.	AMY-Alpha Amylase Siemens Dimension EXL-200	240 Tests		2		
536.	AST-Aspartate Aminotransferase (GOT) Siemens Dimension EXL-200	360 Tests		8		
537.	CK-Creatine Kinase Siemens Dimension EXL-200	480 Tests		4		
538.	LDH-lactate Dehydrogenases Siemens Dimension EXL-200	480 Tests		2		
539.	CKMB-Creatine kinase Is enzyme MB Siemens Dimension EXL-200	120 Tests		6		
540.	RCRP-High Sensitivity C- Reactive Protein Siemens Dimension EXL-200	120 Tests		2		
541.	ALB / TP Calibrator Siemens Dimension EXL-200	6 x 2.0 ml		1		
542.	TBI/DBI Calibrator Siemens Dimension EXL-200	6 x 1.0 ml		1		
543.	CHEM I Calibrator Siemens Dimension EXL-200	6 x 2.0 ml		1		
544.	CHEM II Calibrator Siemens Dimension EXL-200	6 x 1.2 ml		1		
545.	CHEM III Calibrator Siemens Dimension EXL-200	2.5 ML		1		
546.	CHOL Calibrator Siemens Dimension EXL-200	6 x 1.0 ml		1		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 18

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED		TOTAL QUANTITY REQUIRED	
			AHF	DHQ	GGH	FMU
547.	CKI/MBI CAL. Siemens Dimension EXL-200	6 x 1.0 ml		1		
548.	RCRP Calibrator (for DF 34) Siemens Dimension EXL-200	10 x 1.0 ml		1		
549.	Enzyme Verifier Siemens Dimension EXL-200	6 x 2.0 ml		1		
550.	Enzyme II CAL. Siemens Dimension EXL-200	4 x 1.5 ml		1		
551.	IBCT Calibrator Siemens Dimension EXL-200	6 x 1.0 ml		1		
552.	IRN/TIBC Calibrator Siemens Dimension EXL-200	6 x 1.2 ml		1		
553.	LIP Calibrator Siemens Dimension EXL-200	6 x 3.0 ml		1		
554.	UCFP Calibrator Siemens Dimension EXL-200	10 x 4.0 ml		1		
555.	ALPI Calibrator Siemens Dimension EXL-200	1+1+1 ML		1		
556.	1 , 5 ml Sample cups with Lids Siemens Dimension EXL-200	1,000 Cups/ PACK		5		
557.	Cuvette Cartridge Siemens Dimension EXL-200	12,000 Cuvettes/ UNIT		5		
558.	TOTAL T3 Siemens Advia Centure XP	400 TEST		2		
559.	T 4 Siemens Advia Centure XP	500 TEST		2		
560.	TSH Siemens Advia Centure XP	500 TEST		3		
561.	THCG Siemens Advia Centure XP	250 TEST		1		
562.	FERRITIN Siemens Advia Centure XP	250 TEST		1		
563.	HBsAg (HBsII) Siemens Advia Centure XP	200 TEST		16		
564.	CHIV Siemens Advia Centure XP	100 TEST		5		
565.	HCV Siemens Advia Centure XP	200 TEST		20		

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 19

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED		TOTAL QUANTITY REQUIRED	
			AHF	DHQ	GGH	FMU
566.	CAL-A Siemens Advia Centure XP	2x2x5 ML		1		
567.	CAL-B Siemens Advia Centure XP	2X2X5 ML		1		
568.	CAL-C Siemens Advia Centure XP	2X2X5ML		1		
569.	CAL- D Siemens Advia Centure XP	2X2X2 ML		1		
570.	CAL- Q Siemens Advia Centure XP	2X2X2 ML		1		
571.	HBsAg QC KIT Siemens Advia Centure XP	2X2X10 ML		1		
572.	eHIV QC KIT Siemens Advia Centure XP	3X2X7 ML		1		
573.	HCV QC KIT Siemens Advia Centure XP	2X2X7 ML		1		
574.	T3/T4/VB12 Ancillary Reagent Siemens Advia Centure XP	2x25 ML		1		
575.	MULTI DILUENT 1 Siemens Advia Centure XP	2x25 ML		1		
576.	MULTI DILUENT 2 Siemens Advia Centure XP	2x25 ML		1		
577.	KIT CUVETTES Siemens Advia Centure XP	3000 Nos.		4		
578.	KIT SAMPLE TIPS Siemens Advia Centure XP	6480 Nos.		4		
579.	ACID/BASE RGT 1X2 300ul PER TEST Siemens Advia Centure XP	2x1500 ML		4		
580.	Cleaning Solution Siemens Advia Centure XP	12 PER BOX, EACH 70 ML		4		
581.	ADVIA CENTURE WASH 1 Siemens Advia Centure XP	2 X2500 ML		4		
582.	HBA1C Calibrator Beckman coulter AU-680		03			
583.	Cuvets AU-680	01 Pack (10 Cuvets)	02 Pack			
584.	Detergent Level Sensor AU-680		03			
585.	API Strips Staph		400			
586.	API Strips 20E		800			
587.	ACID PHOSPHATASE HumaStar 600	3x50 T	01			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 20

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
588.	ALBUMIN liquicolor HumaStar 600	6x150 T	08			
589.	ALKALINE PHOSPHATASE opt. liquicolor (DGKC) HumaStar 600	3x250 T	10			
590.	a-AMYLASE liquicolor HumaStar 600	3x260 T	12			
591.	ANTI-STREPTOLYSIN-O (ASO) HumaStar 600	1x210 T	12			
592.	auto-BILIRUBIN D liquicolor HumaStar 600	5x210 T	12			
593.	auto-BILIRUBIN T liquicolor HumaStar 600	5x210 T	12			
594.	CALCIUM liquicolor HumaStar 600	3x430 T	12			
595.	CHOLESTEROL liquicolor HumaStar 600	3x150 T	12			
596.	CK MB liquiUV HumaStar 600	2x100 T	12			
597.	CK NAC activated liquiUV HumaStar 600	2x180 T	12			
598.	auto-CREATININE liquicolor HumaStar 600	5x250 T	20			
599.	CRP HumaStar 600	1x250 T	10			
600.	FERRITIN HumaStar 600	1x90 T	10			
601.	g-GT liquicolor HumaStar 600	3x250 T	06			
602.	Glucose liquicolor HumaStar 600	6x210 T	15			
603.	HbA1c% liquidirect HumaStar 600	1x135 T	08			
604.	GOT (ASAT) liquiUV HumaStar 600	5x310 T	12			
605.	GPT (ALAT) liquiUV HumaStar 600	5x310 T	15			
606.	HDL CHOLESTEROL liquicolor HumaStar 600	2x180 T	08			
607.	IRON TPTZ liquicolor HumaStar 600	2x180 T	06			
608.	LDH liquiUV HumaStar 600	2x180 T	18			
609.	LDL CHOLESTEROL liquicolor HumaStar 600	2x90 T	06			
610.	LIPASE liquicolor HumaStar 600	2x100 T	04			
611.	Lipoproteines HumaStar 600	1x90 T	04			
612.	MAGNESIUM liquicolor HumaStar 600	4x60 T	04			
613.	MICROALBUMIN HumaStar 600	1x90 T	06			
614.	PANCREAS-AMYLASE liquicolor HumaStar 600	2x100 T	08			
615.	PHOSPHORUS liquirapid HumaStar 600	4x60 T	08			
616.	TOTAL PROTEIN liquicolor HumaStar 600	6x210 T	08			
617.	RHEUMATOID FACTORS (RF) HumaStar 600	1x210 T	08			
618.	TRANSFERRIN HumaStar 600	1x70 T	03			
619.	TRIGLYCERIDES liquicolor HumaStar 600	3x210 T	10			
620.	UREA liquiUV HumaStar 600	5x250 T	20			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 21

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
621.	URIC ACID liquicolor HumaStar 600	5x250 T	15			
622.	Auto Cal Calibrator for HumaStar 600	4x5 ml	12			
623.	CK-MB Calibrator for HumaStar 600	2x1 ml	05			
624.	FERRITIN Calibrator for HumaStar 600	4x0.5 ml	03			
625.	HbA1c Calibrator set for HumaStar 600	4x0.5 ml	05			
626.	ASO Test Standard for HumaStar 600	2x1 ml	05			
627.	CRP Test Standard for HumaStar 600	2x1 ml	03			
628.	Lipoproteines Standard for HumaStar 600	2x0.5 ml	02			
629.	Micro Albumin Standard for HumaStar 600	2x1 ml	03			
630.	RF Test Standard for HumaStar 600	2x3 ml	05			
631.	CK-MB Control for HumaStar 600	4x2 ml	05			
632.	HbA1c Control set for HumaStar 600	4x0.5 ml	04			
633.	Serodos [®] Control for HumaStar 600	6x5 ml	10			
634.	Serodos [®] Plus Control for HumaStar 600	6x5 ml	10			
635.	TURBIDOS Control for HumaStar 600	4x3 ml	05			
636.	Chimney for HumaStar 600	16 Pcs.	01 set			
637.	Cuvette Clean for HumaStar 600	6x55 ml	10			
638.	Diluent for HumaStar 600	4x20 ml	05			
639.	Tip Cleaning Kit for HumaStar 600	2x4x20 ml	08			
640.	Wash Additive for HumaStar 600	4x25 ml	05			
641.	Reaction Cuvettes for HumaStar 600	1x1200 pcs	03 pack			
642.	SM Controller (microstepping) for HumaStar 600	unit	01			
643.	FW Controller (M403-P242B) for HumaStar 600	unit	01			
644.	CPU (M402-P247) for HumaStar 600	unit	01			
645.	Temperature Controller (M401-P246) for HumaStar 600	unit	01			
646.	Single sensor board (M400-P256) for HumaStar 600	unit	01			
647.	Home sensor Filter wheel (P257) for HumaStar 600	unit	01			
648.	Flip sensor board (M400-P280) for HumaStar 600	unit	01			
649.	Cooler control (M401-P269) for HumaStar 600	unit	01			
650.	Collision Board pipettor arm for HumaStar 600	unit	01			
651.	Peltier Element for HumaStar 600	unit	01			
652.	Two sensor board reagent tray for HumaStar 600	unit	01			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 22

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
653.	Pipettor Head incl.PCB HumaStar 600	unit	01			
654.	Stepper Motor HumaStar 600	unit	01			
655.	Belt Vertical Mov. Probe for HumaStar 600	piece	01			
656.	Belt Horizontal Mov.Probe forHumaStar 600	piece	01			
657.	Fan Reaction Tray for HumaStar 600	piece	01			
658.	Sipper pump for HumaStar 600	unit	01			
659.	Water delivery pump for HumaStar 600	unit	01			
660.	Belt Reaction Tray for HumaStar 600	piece	02			
661.	Drying pump for HumaStar 600	unit	02			
662.	Dia phra gm for drying pump for HumaStar 600	unit	01			
663.	Washer Head for HumaStar 600	unit	01			
664.	Annual Maintenance kit for HumaStar 600	unit	01			
665.	6 Month Maintenance kit for HumaStar 600	unit	01			
666.	Peristaltic pump rotor for HumaStar 600	unit	01			
667.	Syringe CAVRO for HumaStar 600	unit	01			
668.	Pinch valve for HumaStar 600	unit	01			
669.	Washer Filter for HumaStar 600	unit	01			
670.	Drying block 6mm for HumaStar 600	unit	01			
671.	Probe (Front/Back) with mixer motor for HumaStar 600	unit	01			
672.	Peristaltic pump tubing for HumaStar 600	piece	01			
673.	Halogen lamp 12V 20W for HumaStar 600	piece	01			
674.	Reagent pack for Humalyte Plus ³	1000 ml	40			
675.	K ⁺ Electrode for Humalyte Plus ³	unit	04			
676.	Na ⁺ Electrode for Humalyte Plus ³	unit	04			
677.	Cl ⁻ Electrode for Humalyte Plus ³	unit	04			
678.	Reference Electrode for Humalyte Plus ³	unit	04			
679.	K ⁺ Refilling solution for Humalyte Plus ³	100ml	03			
680.	Na ⁺ / Cl ⁻ Refilling solution for Humalyte Plus ³	100ml	03			
681.	Reference Refilling solution for Humalyte Plus ³	100ml	03			
682.	Na Conditioner solution for Humalyte Plus ³	100ml	10			
683.	Daily Cleaning solution for Humalyte Plus ³	100ml	10			
684.	Weekly cleaning solution for Humalyte Plus ³	100ml	05			
685.	QC solution for Humalyte Plus ³	100ml	12			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 23

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
686.	Peristaltic pump tube for Humalyte Plus ³	piece	01			
687.	Reference Membrane for Humalyte Plus ³	piece	01			
688.	Silicon tube for Humalyte Plus ³	piece	01			
689.	Pump head for HumalytePlus ³	unit	01			
690.	Sample Probe for HumalytePlus ³	unit	01			
691.	Liquid distribution valve for Humalyte Plus ³	unit	01			
692.	Pump stepper moter for Humalyte Plus ³	unit	01			
693.	Thermal recorder for Humalyte Plus ³	unit	01			
694.	Amplifier board for Humalyte Plus ³	unit	01			
695.	Main board for Humalyte Plus ³	unit	01			
696.	Tubing kit for Humalyte Plus ³	unit	01			
697.	LCD+Touch screen Assembly for Humalyte Plus ³	unit	01			
698.	Coagulation Cuvettes for HumaClot junior	500/pack	5000			
699.	Foil Keyboard for HumaClot junior	unit	01			
700.	Heating Block for HumaClot junior	unit	01			
701.	Optical Block for HumaClot junior	unit	01			
702.	System Board for HumaClot junior	unit	01			
703.	Temperature Sensor cpl.for Humaclot junior	unit	01			
704.	HC-DILUENT for HumaCount 80TS	20 ltr/pack	150			
705.	HC-LYSE CF for HumaCount 80TS	01ltr/pack	70			
706.	HC-CLEANER for HumaCount 80TS	01 ltr/pack	100			
707.	HC-CALIBRATOR for HumaCount 80TS	1X2 ml	01			
708.	HC-CONTROL for HumaCount 80TS	3X2.5 ml	08 set			
709.	HGB measuring head(complete) for HumaCount 80TS	unit	05			
710.	RBC Measuring tube for HumaCount 80TS	unit	03			
711.	Reference electrode for HumaCount 80TS	unit	03			
712.	2/2valve HumaCount for HumaCount 80TS	unit	03			
713.	3/2valve for HumaCount 80TS	unit	03			
714.	Lubrication Kit for HumaCount 80TS	unit	01			
715.	Main PCB for HumaCount 80TS	unit	02			
716.	Amplifier board for HumaCount 80TS	unit	01			
717.	Sampling Needle for HumaCount 80TS	unit	02			
718.	Color LCD with touch screen for HumaCount 80TS	unit	01			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 24

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
719.	Opto sensor for HumaCount 80TS	unit	02			
720.	Pump (RD1S) for HumaCount 80TS	unit	02			
721.	Timing belt horizontal for HumaCount 80TS	unit	03			
722.	Timing belt vertical for HumaCount 80TS	unit	03			
723.	Reagent Silicone tube HumaCount 80TS	piece	02			
724.	Micro SD card for HumaCount 80TS	unit	10			
725.	Wash Head for HumaCount 80TS	unit	02			
726.	WBC MeasuringTube for HumaCount 80TS	unit	03			
727.	Vacuum puffer for HumaCount 80TS	unit	03			
728.	Stepper motor for HumaCount 80TS	unit	03			
729.	Dilutor syringe for HumaCount 80TS	unit	01			
730.	Lyse syringe for HumaCount 80TS	unit	01			
731.	Lamp 8V20W for HumaReader HS	unit	01			
732.	LCD Display for HumaReader HS	unit	01			
733.	Belt(short)forHumareader HS	unit	01			
734.	Front board assembly for HumaReader HS	unit	01			
735.	Motor Driver Board for Humareader HS	unit	01			
736.	Touch panel for Humareader HS	unit	01			
737.	MainBoard for Humareader HS	unit	01			
738.	StepMotor for Humareader HS	unit				
739.	Cuvette Rings for HumaClot Pro	6x10x32(1920 tests)	30 pack			
740.	Washing solution for HumaClot Pro	5x15ml	05 Bottles			
741.	Cleaner for HumaClot Pro	5x15ml	05 Bottles			
742.	Hemostat Thromboplastin-SI for HumaClot Pro	6x2ml	60			
743.	Hemostat aPPT-EL for HumaClot Pro	6x4ml	40			
744.	Hemostat Fibrinogen for HumaClot Pro	5x2ml	02			
745.	Hemostat D-Dimer for HumaClot Pro	2x1ml	25			
746.	Hemostat D-Dimer Control high/low for HumaClot Pro	4x1ml	6			
747.	Hemostat Calibrator for HumaClot Pro	4x1ml	04			
748.	Hemostat Control plasma Normal for HumaClot Pro	6x1ml	05			
749.	Hemostat Control plasma Abnormal for HumaClot Pro	6x1ml	05			
750.	Reagents vial 5ml with caps for HumaClot Pro	Set	02 set			
751.	Teflon Stirrer Bar for HumaClot Pro	Set	02 set			

LIST OF LAB KITS & CHEMICALS FOR FMU, ALLIED/DHQ/GGH HOSPITALS, FAISLABAD TENDER FOR THE YEAR 2020-2021 25

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
752.	Syringe 250ul,incl.Seal for HumaClot Pro	Unit	01	0	0	0
753.	Pump DI water for HumaClot Pro	Unit	01	0	0	0
754.	PipettorV11 for HumaClot Pro	Unit	01	0	0	0
755.	Reagent kit(800 tests) for HumaNexA1c	1 kit (800 Test)	10 Kit	0	0	0
756.	Calibrator Kit for HumaNexA1c	1 kit	02	0	0	0
757.	Control Kit for HumaNexA1c	1 kit	02	0	0	0
758.	Smart card (1200 tests) for HumaSRate 24^{Pt}	1card (1200 tests)	50 card	0	0	0
759.	HSRate-Control Normal/High for HumaSRate 24 ^{Pt}	2x2ml	05 Kit	0	0	0
760.	Calibrated halogen Lamp for HumaStar 200	1 Unit	01	0	0	0
761.	Level sensor Board for HumaStar 200	unit	01	0	0	0
762.	Tank float with cable for HumaStar 200	unit	01	0	0	0
763.	Cuvettes wash station for HumaStar 200	unit	01	0	0	0
764.	Vacuum pump for HumaStar 200	unit	01	0	0	0
765.	Vacuum pump valves kit for HumaStar200	unit	01	0	0	0
766.	Peristaltic pump for HumaStar 200	unit	01	0	0	0
767.	Peristaltic pump cassette for HumaStar 200	unit	01	0	0	0
768.	Peristaltic pump cassette spare tube for HumaStar 200	unit	01	0	0	0
769.	Diluter piston gasket (white&orange) for HumaStar 200	unit	01	0	0	0
770.	Pinch valve for HumaStar 200	unit	01	0	0	0
771.	Power board for HumaStar 200	unit	01	0	0	0
772.	CPU board for HumaStar 200	unit t	01	0	0	0
773.	Silicone tube, innerø1mm, outerø3mm for HumaStar 200	unit	01	0	0	0
774.	Siliconetube, innerø2mm, outerø4mm for HumaStar 200	unit	01	0	0	0
775.	Teflontube, innerø1mm, outerø1.5mm for HumaStar 200	unit	01	0	0	0
776.	Crystal PVCtube, innerø4mm, outerø6mm for HumaStar 200	unit	01	0	0	0
777.	Yearly maintenance kit for HumaStar 200	unit	01	0	0	0
778.	Sampling needle for HumaStar 200	unit	01	0	0	0
779.	Sampling needle holder for HumaStar 200	unit	01	0	0	0
780.	Sampling arm rotation belt for HumaStar 200	unit	01	0	0	0
781.	Cooled reagent tray assembly for HumaStar 200	unit	01	0	0	0

Sr. #	NAME OF ITEMS	SPECIFICATION	QUANTITY REQUIRED	QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED	TOTAL QUANTITY REQUIRED
			AHF	DHQ	GGH	FMU
782.	Reaction tray temperature sensor for HumaStar 200	unit	01	0	0	0
783.	Reaction tray thermostat for HumaStar 200	unit	01	0	0	0
784.	Reaction or sample tray rotation belt for HumaStar 200	unit	01	0	0	0
785.	Small motor (Sample Need Aspiration Needles) for HumaStar 200	unit	01	0	0	0
786.	Optical limit switch for HumaStar 200	unit	01	0	0	0
787.	Paper Tap 1 inch		2000	0	0	0
788.	Heamatology Control (Swelab)	3x3ML/SET	05	0	0	0
789.	Heamatology Control Sysmex	4.5x3 ml	05	0	0	0
790.	Covid-19 Antibodies IgG	96x10 test	02 Kits	0	0	0
791.	Covid-19 PCR Kit	96x1	05 Kits	0	0	0

Bact Alert Bottles

With colorimetric detection, BACT/ALERT culture media offers you sophisticated technology that outshines the rest. Specialized Liquid Emulsion Sensors (LES) at the bottom of each culture bottle visibly change color when the pH changes due to the rise in CO₂ as it is produced by microorganisms. BACT/ALERT 3D instruments measure the color changes every ten minutes and analyze the changes. Sophisticated algorithms, including a unique "Threshold" algorithm, ensure early detection of microorganisms. Even when bottles are delayed in transit, the visual color change helps you potentially identify positive bottles prior to entry into the system. That's how you can be assured of accurate detection and rapid recovery of microorganisms from various sample types.

For adults only (Aerobic –SA & Anaerobic SN)

Bact/ALERT SA (color coded blue)

Bact/Alert SA disposable culture bottles contain 40ml of media and an internal sensor that detects carbon dioxide as an indicator of microbial growth. The media formulation consists of pancreatic digest of casein (1.7 % w/v), papaic digest of soybean meal (0.3%) sodium polyanethol sulfonate (SPS) (0.035% w/v), pyridoxine HCL.

(0.001% w/v), and other complex amino acid and carbohydrate substrates in purified water.

Bottle are prepared with an atmosphere of CO₂ in oxygen under vacuum. The composition of the media may be adjusted to meet specific performance requirements.

Bact/Alert SN (color coded purple)

Bact/ALERT SN disposable culture bottles contain 40ml of media and internal sensor that detects carbon dioxide as an indicator of microbial growth. The media formulation consists of pancreatic digest of casein (1.36% w/v), papaic digest of soybean meal (0.24% w/v), sodium polyanethol sulfonate (SPS) (0.035% w/v), menadione (0.0005% w/v) yeast extract (0.376% w/v), pyridoxine hydrochloride (0.0008% w/v) pyruvic acid (Sodium Salt, 0.08% w/v, reducing agents, and other complex amino acid and carbohydrates substrates in purified water, bottles are prepared with an atmosphere of CO₂ in nitrogen under vacuum, the composition of the media may be adjusted to meet specific performance requirements.

For pediatrics only

Bact/Alert PF (color coded yellow)

Bact/Alert PF disposable culture bottle contain 16ml and 4ml of a charcoal suspension with an average density of 1.0215 g/ml. the media component consists of soybean casein digest (2.0% w/v), brain heart infusion solid, (0.1% w/v), sodium polyanethol sulfonate (SPS) (0.025% w/v), pyridoxine HCL (0.001% w/v), menadione (0.0000625% w/v), hemin (0.000625% w/v), L-cystein (0.025% w/v) and other complex amino acid and carbohydrate substrates in purified water bottles contain an atmosphere of CO₂ in oxygen and nitrogen under vacuum. The composition of the media may be adjusted to meet specific performance requirements.


DIRECTOR PURCHASE
 FMU, Allied/DHQ Hospitals, Faisalabad
