

COVID 19 Testing material for 1 month

NO.	Item	Description	Unit	quantity	Price \$	Total price \$
1	Optical Adhesive Covers	04j71-75 -compatible with Applied Biosystem 7500 real time PCR system,	Box/100	6	200	1200
2	96- well Optical Reaction plate	04j71-70-compatible with Applied Biosystem 7500 real time PCR system,	box/20	30	200	6000
3	Viral collection system with transport media	Two Items :sterile swab Applicator tip flocced with nylon fiber and UTM-RT Transport medium for Viruses.equal to copan tube ref. 330c ,copan swab ref. 503cs01	Kit/100	600	95	57000
4	2019-nCoV Assay	Advanced Real-time PCR detection kit for 2019-nCoV (96 reactions) Includes: Lyophilised qPCR Master Mix, Primer & Probe Mix, 4 Quantitation Standards, Internal Extraction Control, No Template Control, Resuspension Buffers. CE-IVD marked	Kit	600	900	540000
5	tips filter .5-10 micron	sterile- plastic-for PCR-long Rnase Dnase free	box /96 tips	600	5	3000
6	tips filter 20-200micron	sterile- plastic-for PCR-long Rnase Dnase free	box /96 tips	800	5	4000
7	tips filter 100-1000micron	sterile- plastic-for PCR-long Rnase Dnase free	box /96 tips	1500	5	7500
8	MagMAX Viral/Pathogen (MVP II) Nucleic Acid Isolation System with all accessories	Ref. A 48383 and <ul style="list-style-type: none"> • KingFisher™ 96 Tip Comb for DW Magnets (2/10 Box) • 96 Standard-Well Plates for KingFisher Flex (200 µl) (1/2 Box) • 96 Deep-Well Plates for KingFisher Flex (2 Box) or equal. 	Kit/96 test	600	300	180000
Total \$						618700

COVID-19 New strains detection kit

NO.	Item	Description	Unit	Quantity	Price \$	Total price \$
1	SARS-CoV-2 real-time PCR mutations detection Kit	Genotyping primers/probes mix for the mutations * One-step master mix reagents * Positive control for mutations * Able to identify the strains of SARS-CoV-2 (United Kingdom, South Africa and others) * Internal control for all mutations * Open platform compatibility * Preferred known and trialed brand names	Kit/96	150	3000	450000
Total \$						450000

Lab materials needed for COVID-19 patients at ICUs

	Item	Description	Unit	Quantity	Unit Price \$	Total price \$
No	Biochemistry					
1	CK-MB	CK-MB reagent for determination of CK-MB in blood ,[Immunoinhibition]DGKC,IFCC, Kinetic method, storage temp. 2-8 °C , FS	Kit /100 ml	50	71.4	3570.0
2	Creatine phospho kinase (CK)	CPK reagent for determination of CPK in blood ,[Hexokinase,G6PD],DGKC,IFCC, Kinetic method, storage temp. 2-8 °C , FS	Kit /500 ml	50	114.3	5715.0
3	Creatinine (Crea)	Creatinine reagent for determination of Creatinine in blood and other body fluids ,Alkaline picrate(Jaffe) Kinetic method , storage temp. Room temp. , FS	Kit /1000 ml	80	18.0	1440.0
4	Glucose(GLU)	Glucose reagent for determination of Glucose in blood and other body fluids ,[GOD,POD] Enzymatic colorimetric method, storagetemp. 2-8 °C , FS	Kit /1000 ml	80	14.0	1120.0
5	Lactate Dehydrogenase (LDH)	LDH reagent for determination of LDH-L in blood and other body fluids ,[LDH-L] Enzymatic,SCE, kinetic method, storage temp. 2-8 °C , FS	Kit /500 ml	50	20.0	1000.0
6	Troponin I	Immunochromatographic, qualitative detection of troponin I in patients serum, positive and negative control included . (Axsym, Architect) complet kit	kit/100 test	6	422.9	2537.4
7	Urea UV	Urea reagent for determination of Urea in blood and other body fluids ,[Urease,GLDH] Enzymatic kinetic method,storage temp. 2-8 °C , FS	Kit /500 ml	80	27.4	2192.0
8	Glucostix(Blood)	Glucose stick for determination of glucose in Blood,5% Glucometer set.	Box /50 strip	1500	9.5	14250.0
	Radiometer blood gas ABL 80 CO-OX					0.0
9	Sensor Cassette ABL 80 CO-OX	ABL 80(SC80 300/30 Full-OX,noGlu, noQC3). Sensor cassette /300 samples onboard 30 days, shelf life upon delivery 2-3 months. Part # 945-728 .	Cassette/300 sample	15	1000.0	15000.0
10	Solution pack CO-OX	ABL 80 (Flex Solution Pack Co-OX). Shelf life Upon Delivery 2 Monthes Onboard up to 30 days Max part No 944-252	Pack/300 sample	30	115.0	3450.0
	Radiometer blood gas ABL 80 basic					0.0
11	Sensor Cassette ABL 80 basic	Part#945-779	Cassette/300 sample	15	900.0	13500.0
12	Solution pack Basic	part # 944-309	Pack/300 sample	30	200.0	6000.0
	Radiometer blood gas ABL 90					0.0
13	Sensor Cassette ABL 90	part # 946-005 330 sample/30 days	Cassette/300 sample	4	2000.0	8000.0
14	Solution pack ABL 90	Part#944-157	Pack/300 sample	8	280.0	2240.0
	Nova prime ES Comp.electrolyte analyser					0.0
15	Prime sensor ES comp	Item no. 42035 28 days /400 sample use life 32 days /600 sample	Kit	15	432.0	6480.0
16	Prime calibrator cartidge ES comp	Item no. 53462 16 days /600 sample	Kit	36	350.0	12600.0
17	Prime tubing Harness	Item no. 52484 6 month	Pcs	3	108.0	324.0
18	prime reference cartdge	Item no. 42043 6 month	cartdge	3	562.0	1686.0

	Item	Description	Unit	Quantity	Unit Price \$	Total price \$	
19	Linearity Standad set A 1.2.3,4 multi pack	Item no. 25217 6 month	kit	12	48.0	576.0	
	NIHONKOHDEN-MEK7300 5DIFF					0.0	
20	Diluent/ Isotonac 4	NIHONKOHDEN-MEK7300 5DIFF	20L	50	105	5250.0	
21	Detergent/ Cleanac	NIHONKOHDEN-MEK7300 5DIFF	5L	11	112	1232.0	
22	Hemolynac 3N	NIHONKOHDEN-MEK7300 5DIFF	1 L	11	135	1485.0	
23	Hemolynac 5	NIHONKOHDEN-MEK7300 5DIFF	1 L	11	150	1650.0	
24	Detrgent Cleanac 3	NIHONKOHDEN-MEK7300 5DIFF	1 L	10	85	850.0	
	Total \$						112147.4

List of drugs and disinfectants needed for COVID-19 (29 March 2021)

DISINFECTANTS

#	Product Nme	Dosage Form	Unit	Required Quantity	UNIT price \$	Estimated Cost for required quantity
1	Chlorhexidine 1.5%+ Cetrimide 15%, 1000 ml	Solution	LITER	3,000	7.00	21,000
2	Chlorhexidine 4%, 500 ml	Scrub	SINGLE	1,000	5.50	5,500
3	Glutaraldehyde 2% solution with activator for 28 days	Solution	LITER	2,000	6.14	12,280
4	Hexanios solution (Polyhexanide, didecyldimethylammonium chloride, polyhexamethylene biguanide, complexes detergents (polyalcoholic fatty alcohol, lauryldimethylamine oxide), sequestering and dispersing agent, perfume and dye).	Solution	LITER	100	30.00	3,000
5	Surfanios solution	Solution	LITER	400	30.00	12,000
6	Troclosene Na 1g	Tablet	THOUSAND	50	125.00	6,250
Estimated Cost (\$) for Disinfectants						60,030

Medicines included in COVID-19 Protocol

#	Product Nme	Dosage Form	Unit	Required Quantity	UNIT price \$	Estimated Cost for required quantity
1	Enoxaparin prefilled syringes 40 mg/ml	Prefilled Syringes	SINGLE	20,000	3.18	63,600
2	Enoxaparin prefilled syringes 80 mg/ml	Prefilled Syringes	SINGLE	20,000	5.60	112,000
3	Tocilizumab 400 MG`	Vial	SINGLE	400	800	320,000
Estimated Cost (\$) for Medicines directly in COVID-19 Protocol						495,600

Medicines adjuvently used in COVID-19 Protocol

#	Product Nme	Dosage Form	Unit	Required Quantity	UNIT price \$	Estimated Cost for required quantity
1	Acetylcysteine 20%. 10 mL	Ampoule	SINGLE	1,000	3.30	3,300
2	Colistin 1M IU.	Vial	SINGLE	4,000	5.00	20,000
3	Dextrose 5% Bag of 500 ml	Injectable solution	SINGLE	20,000	1.07	21,400
4	Esomeprazole 40 mg or alike	Ampoule	SINGLE	10,000	2.2	22,000
5	Methylprednisolone sodium succinate 1 g	Vial	SINGLE	2,000	16.28	32,560
Estimated Cost (\$) for Medicines adjuvant used in COVID-19 Protocol						99,260
Estimated Cost (\$) for Total						654,890

Medical disposables needed for COVID-19 (29 March 2021)

	ITEMS	UNIT	QTY	QTY details	UNIT PRICE (USD)	TOTAL PRICE (USD)
1	Non-Invasive Ventilation full facial Mask for CPAP size (medium 3.5 tall. 3.25 wide) and (large 4.25 tall. 3.25 wide)	pcs	500	400 large + 100 medium	33.33	16,666.67
2	Non-Invasive Ventilation Nasal Mask for CPAP size (medium 2 tall. 1.75 wide) and (large 2.25 tall. 2 wide)	pcs	500	400 large + 100 medium	33.33	16,666.67
3	HIGH FLOW NASAL CANNULE THERAPY DEVICE size x large and large	pcs	500	400 Xlarge + 100 large	33.33	16,666.67
4	GLOVE LATEX NONSTERILE DISPOSABLE (ALL SIZES)	pcs	2000000	2/3 Large & 1/3 Medium	0.06	127,272.73
Total						177,272.73