

## Pooled Procurement Mechanism Reference Pricing: COVID-19 diagnostics

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This information will be updated periodically, with the latest made available [here](#)

### COVID-19 Diagnostic Reagents and Consumables<sup>1,2</sup>

Product Description	Manufacturer	Reference price per pack EXW, USD	Reference price per test EXW, USD
<b>RAPID DIAGNOSTIC TESTS: Antigen-RDT</b>			
SARS-CoV-2 - Rapid Antigen Diagnostic Test			\$0.60-\$2.25
<b>RAPID DIAGNOSTIC TESTS: Antigen-RDT Self-Test</b>			
SARS-CoV-2 - Rapid Antigen Diagnostic Self-Test			\$0.60-\$3.60
<b>AUTOMATED PCR TESTS: (Extraction + Amplification Kits)</b>			
Xpert® Xpress SARS-CoV-2, 10T/Kit	Cepheid	\$149.00	\$14.90
Abbott RealTime SARS-CoV-2 RT-PCR Kit, 96T/Kit	Abbott Molecular	\$960.00	\$10.00
Aptima SARS-CoV-2 assay, 250T/Kit	Hologic	\$3,000.00	\$12.00
Cobas SARS-CoV-2 RT-PCR Kit, 192T/Kit	Roche	\$2,092.80	\$10.90
Cobas SARS-CoV-2 RT-PCR Kit, 480T/Kit	Roche	\$5,232.00	\$10.90
Alinity m SARS-CoV-2 AMP Kit, 96T/Kit	Abbott Molecular	\$1,209.60	\$12.60
BD SARS-CoV-2 Reagents, 24T/Kit	Becton & Dickinson	\$408.00	\$17.00
Biofire Respiratory Panel 2.1 (RP2.1), 30T/Kit	BioMerieux	\$3,210.00	\$107.00
<b>MANUAL PCR TESTS: Amplification kits</b>			
Allplex, 2019-nCoV Assay Kit, 100T/Kit	Seegene Inc.	\$520.00	\$5.20
Diagnostic Kit for SARS-CoV-2 Nucleic Acid (Real-time PCR), 48T/Kit	Shanghai Kehua	\$134.40	\$2.80
Real-Time Fluorescent RT-PCR Kit for Detecting SARS-2019-nCoV, 50T/Kit	BGI Genomics Co. Ltd	\$190.00	\$3.80
STANDARD M nCoV Real-Time Detection kit, 96T/Kit	SD Biosensor	\$576.00	\$6.00
Novel Coronavirus (2019-nCoV) Real Time Multiplex RT PCR Kit, 25T/Kit	Shanghai ZJ Bio-Tech	\$50.00	\$2.00
TaqPath COVID-19 CE-IVD RT-PCR Kit, 1000T/Kit	ThermoFisher Scientific	\$5,020.00	\$5.02

<sup>1</sup> See Global Fund's list of SARS-CoV-2 Diagnostic test kits and equipment eligible for procurement: <https://www.theglobalfund.org/en/covid-19/health-product-supply/#products>

<sup>2</sup> See PFSCM's guidance for COVID-19 PCR tests: [https://pfscm.org/wp-content/uploads/2021/12/PFSCM\\_COVID\\_PCR\\_Guidance\\_2021.pdf](https://pfscm.org/wp-content/uploads/2021/12/PFSCM_COVID_PCR_Guidance_2021.pdf)

Detection Kit for 2019 NovelCoronavirus (2019-nCoV) RNA, (PCR- Fluorescence Probing), 96T/Kit	DaAn Gene	\$288.00	\$3.00
Wantai SARS-CoV-2 RT-PCR Kit, 48T/Kit	Beijing Wantai Biological	\$240.00	\$5.00
Smart Detect™ SARS-CoV-2 rRT-PCR Kit, 48T/Kit	InBios International	\$212.00	\$4.42
COVID-19 Coronavirus Real Time PCR Kit, 50T/Kit	Jiangsu Bioperfectus	\$250.00	\$5.00
GeneFinder™ COVID-19 Plus RealAmp Kit, 100T/Kit	Osang Healthcare	\$600.00	\$6.00
COVID-19 genesig® Real-Time PCR assay, 96T/Kit	Primerdesign	\$514.09	\$5.36
Allplex™ 2019-nCoV Assay kit, 124T/Kit	Seegene	\$645.00	\$5.20
COVID-19 RT-PCR PNA Kit, 100T/Kit	Bio TNS	\$550.00	\$5.50
Novel Coronavirus (2019-nCoV) Nucleic Acid Diagnostic Kit (PCR-Fluorescence Probing), 48T/Kit	Sansure Biotech	\$336.00	\$7.00
GB SARS-CoV-2 Real-Time RT PCR, 100T/Kit	General Biologicals Corporation	\$100.00	\$1.00
<b>NUCLEIC ACID EXTRACTION KITS</b>			
Nucleic Acid Extraction kit, 48T/Kit	Shanghai Kehua	\$48.80	\$1.00
MagMAX™ Viral/Pathogen II (MVP II) Nucleic Acid Isolation Kit, 2000T/Kit	ThermoFisher Scientific	\$1,560.00	\$0.78
Beijing Wantai Nucleic Acid Extraction Kit, 48T/Kit	Beijing Wantai Biological	\$72.00	\$1.50
QIAamp Viral RNA Mini Kit, 250T/Kit	Qiagen	\$861.00	\$3.44
STARMag 96x4 Universal Cartridge, 384T/Kit	Seegene	\$640.00	\$1.67
STARMag 96x4 Viral DNA/RNA 200C, 384T/Kit	Seegene	\$640.00	\$1.67
Multi-type Sample DNA/RNA Extraction-Purification, Kit of 48 Tests	Sansure Biotech	\$48.00	\$1.00
Nucleic Acid Extraction kit, 96T/Kit	MGI	\$195.00	\$2.03
MagNA Pure 96, DNA and Viral NA Large Volume, 288T/Kit	Roche	\$404.00	\$1.40
MagNA Pure 96, DNA and Viral NA Small Volume, 576T/Kit	Roche	\$1,650.00	\$2.86
MagNA Pure 24, Total NA Isolation, 96T/Kit	Roche	\$225.00	\$2.34
<b>SAMPLE COLLECTION</b>			
Sampler 5ml w/VTM 2.5ml, OP Swab, Kit of 100	Wuxi Nest	\$90.00	\$0.90
Sampler 5ml w/VTM 2.5ml, NP Swab, Kit of 100	Wuxi Nest	\$90.00	\$0.90
Sampler 5ml w/VTM 2.5ml, NP Swab + OP Swab, Kit of 100	Wuxi Nest	\$100.00	\$1.00
Sampler 10ml w/VTM 3ml, OP Swab, Kit of 100	Wuxi Nest	\$90.00	\$0.90
Sampler 10ml w/VTM 3ml, NP Swab, Kit of 100	Wuxi Nest	\$90.00	\$0.90
Sampler 10ml w/VTM 3ml, NP Swab + OP Swab, Kit of 100	Wuxi Nest	\$100.00	\$1.00
COVID-19, Xpert Xpress Nasopharyngeal Sample Collection, Kit of 100	Cepheid	\$167.00	\$1.67
Triple Packaging, Isothermal Carrier Bag, Medium	Generic	\$209.57	N/A
Triple Packaging, Biopack-1, 330ml	Generic	\$10.80	N/A
<b>OTHER CONSUMABLES</b>			
BGI COVID-19 PCR Consumables, Kit of 3000 Tests	BGI Genomics Co.	\$2,800.00	\$0.93
BD MAX PCR Cartridges, 576 per box	Becton & Dickinson	\$8.64	\$0.02
Cobas 4800 Extraction (deepwell) Plate 2ml, Pack of 40 Pieces	Roche	\$130.00	N/A
96 Deep Well Plates, pack of 32	Generic	\$95.00	N/A
96 Deep Well Plate, v-bottom for KingFisher Purification System	Fisher	\$308.01	N/A
96 Microplate, 200ul for KingFisher Purification System	Fisher	\$171.09	N/A
Abbott 96-Well Optical Reaction Plate	Abbott	\$75.00	N/A
Abbott 96 Deep-Well Plate	Abbott	\$308.00	N/A
Pipette Tips, 0.1-10ul, w/filter, Sterile	Generic	\$147.15	N/A
Pipette Tips, 1-20ul, w/filter, Sterile	Generic	\$147.15	N/A
Pipette Tips, 1-100ul, w/filter, Sterile	Generic	\$147.15	N/A

Pipette Tips, 20-200ul, w/filter, Sterile	Generic	\$147.50	N/A
Pipette Tips, 5-300ul, w/filter, Sterile	Generic	\$194.00	N/A

## COVID-19 Molecular Test Equipment

Product Description	Manufacturer	Reference price per pack/ unit EXW, USD
<b>AUTOMATED NUCLEIC ACID EXTRACTORS</b>		
NucliSENS® easyMAG® System	bioMérieux	\$153,400.00
KingFisher™ Flex Purification System	ThermoFisher Scientific	\$44,545.45
QIASymphony® SP	Qiagen	\$58,008.00
Roche MagNA Pure-24	Roche	\$37,000.00
Roche MagNA Pure-96	Roche	\$70,000.00
Automated Nucleic Acid Extractor w/software v2.4.1	Shanghai Kehua	\$10,000.00
<b>THERMOCYCLERS, INCLUDING RT-PCR ANALYZERS</b>		
Applied Biosystems™ 7500 Fast Real-Time PCR Instrument, Laptop	ThermoFisher Scientific	\$38,716.04
Applied Biosystems™ 7500 Real-Time PCR Instrument, Laptop	ThermoFisher Scientific	\$36,719.04
Cobas 6800 Analyzer	Roche	\$300,000.00
Cobas 8800 Analyzer	Roche	\$600,000.00
CFX96 Touch Real-Time PCR Detection System	Bio-Rad	\$18,900.00
CFX96 Touch Real-Time PCR Deep Well Detection System	Bio-Rad	\$20,000.00
CFX96 Dx Optical Reaction Module (Includes CFX Manager Dx Software)	Bio-Rad	\$18,000.00
CFX96 Deep Well Dx Optical Reaction Module (Includes CFX Manager Dx software)	Bio-Rad	\$19,200.00
Bio-Rad, C1000 Touch, PCR Equipment / Thermal Cycler	Bio-Rad	\$4,218.70
Rotor-Gene Q MDx 5plex HRM Platform	Qiagen	\$22,000.49
Applied Biosystems, QuantStudio 5 Real-Time, 96-well, 0.2ml, Desktop, PCR Equipment (Research Use Only)	ThermoFisher Scientific	\$24,488.19
Applied Biosystems, QuantStudio 5 Real-Time, 96-well, 0.1ml, Laptop, PCR Equipment (Research Use Only)	ThermoFisher Scientific	\$24,488.19
Applied Biosystems, QuantStudio 5 Real-Time, 96-well, 0.1ml, Desktop, PCR Equipment (Research Use Only)	ThermoFisher Scientific	\$24,488.19
Applied Biosystems, QuantStudio 5 Real-Time, 384-well, Laptop, PCR Equipment (Research Use Only)	ThermoFisher Scientific	\$24,488.19
Applied Biosystems, QuantStudio 5 Real-Time, 384-well, Desktop, PCR Equipment (Research Use Only)	ThermoFisher Scientific	\$27,833.44
Applied Biosystems, QuantStudio 5 Real-Time, 96-well, 0.2ml, Laptop, PCR Equipment	ThermoFisher Scientific	\$27,833.44
Roche, LightCycler 480 II, 96-wells, PCR Equipment	Roche	\$27,000.00
Roche, LightCycler 480 II, 384-wells, PCR Equipment	Roche	\$36,000.00
SLAN-96P PCR system	Sansure	\$15,260.00
BD MAX™ System	Becton & Dickinson	\$75,000.00
GeneXpert II - Desktop - 1 site - 10 color	Cepheid	\$9,420.00
GeneXpert II - Desktop - 2 sites - 10 color	Cepheid	\$12,530.00
GeneXpert IV - Desktop - 2 sites - 10 color	Cepheid	\$12,780.00
GeneXpert IV - Desktop - 4 sites - 10 color	Cepheid	\$19,000.00

GeneXpert XVI - Desktop - 8 sites - 10 color	Cepheid	\$43,000.00
GeneXpert XVI - Desktop - 16 sites - 10 color	Cepheid	\$71,850.00
GeneXpert II - Laptop - 1 site - 10 color	Cepheid	\$9,920.00
GeneXpert II - Laptop - 2 sites - 10 color	Cepheid	\$13,030.00
GeneXpert IV - Laptop - 2 sites - 10 color	Cepheid	\$13,280.00
GeneXpert IV - Laptop - 4 sites - 10 color	Cepheid	\$19,500.00
GeneXpert XVI - Laptop - 8 sites - 10 color	Cepheid	\$43,500.00
GeneXpert XVI - Laptop - 16 sites - 10 color	Cepheid	\$72,350.00
GeneXpert II - Satellite - 1 site - 10 color	Cepheid	\$6,420.00
GeneXpert II - Satellite - 2 sites - 10 color	Cepheid	\$9,530.00
GeneXpert IV - Satellite - 2 sites - 10 color	Cepheid	\$9,780.00
GeneXpert IV - Satellite - 4 sites - 10 color	Cepheid	\$16,200.00
GeneXpert XVI - Satellite - 8 sites - 10 color	Cepheid	\$40,600.00
GeneXpert XVI - Satellite - 16 sites - 10 color	Cepheid	\$69,450.00
<b>OTHER</b>		
LumiraDx™ Platform	LumiraDx	\$4,000.00
BD Veritor™ Plus Analyzer	Becton & Dickinson	\$230.00
LumiraDx SARS-CoV-2 Antigen Quality Control, Kit of 24 Tests	LumiraDx	\$100.00
Magnetic stand: Manual extraction	Fisher	\$428.17
Tabletop PCR workstation with UV light	Generic	\$3,000.00
UV cross linker	Generic	\$2,000.00
UV transilluminator	Generic	\$2,000.00
<b>OTHER CONSUMABLES - MOLECULAR TEST EQUIPMENT</b>		
MagNA Pure 96, Processing Cartridge, Pack of 36 Pieces	Roche	\$250.00
MagNA Pure 96, Output Plate, Pack of 60 Pieces	Roche	\$250.00
MagNA Pure, Pipette Tips, 1ml w/filter, Pack of 3840 Pieces	Roche	\$1,000.00
MagNA Pure, Sealing Foil, Pack of 100 Pieces	Roche	\$99.00
MagNA Pure 96, Internal Control Tube, Pack of 150 Tubes	Roche	\$160.00
MagNA Pure 96, External Lysis Buffer, Bottle of 100ml	Roche	\$44.00
MagNA Pure 96, System Fluid (Internal), Pack of 2x1825ml	Roche	\$60.00
MagNA Pure 96, System Fluid (External), Bottle of 5500 ml	Roche	\$80.00
MagNA Pure 24, Processing Cartridge, Pack of 48 Pieces	Roche	\$100.00
MagNA Pure 24, Tip Park/Piercing Tool, Pack of 48 Tips and 50 Tools	Roche	\$105.00
MagNa Pure 24, MGP Set, Pack of 12 Tubes	Roche	\$66.00
MagNA Pure, Tubes 2.0ml, Pack of 350 Pieces	Roche	\$120.00
MicroAmp™ Optical Adhesive Film, pack of 100 pieces	ThermoFisher Scientific	\$240.98
MicroAmp™ Fast Optical 96-Well Reaction Plate with Barcode, 0.1 mL, pack of 20 pieces	ThermoFisher Scientific	\$94.61
MicroAmp™ Optical 96-Well Reaction Plate with Barcode, pack of 20 pieces	ThermoFisher Scientific	\$121.80
MicroAmp™ Optical 384-Well Reaction Plate with Barcode, pack of 500 pieces	ThermoFisher Scientific	\$2,460.55
TaqMan™ RNase P Instrument Verification Plate for 7300/7500 Systems, 96-well	ThermoFisher Scientific	\$703.84
96-Well Fast TaqMan™ RNase P Instrument Verification Plate	ThermoFisher Scientific	\$312.30
96-Well 0.2-mL TaqMan™ RNase P Instrument Verification Plate	ThermoFisher Scientific	\$539.50
384-Well TaqMan™ RNase P Instrument Verification Plate	ThermoFisher Scientific	\$729.52
7500 Real Time PCR Systems Spectral Calibration Kit I	ThermoFisher Scientific	\$455.88
JUN™ Dye Spectral Calibration Plate for Multiplex qPCR, 96-well	ThermoFisher Scientific	\$90.81
ABY™ Dye Spectral Calibration Plate for Multiplex qPCR, 96-well	ThermoFisher Scientific	\$89.29
7500 Fast Real-Time PCR Systems Spectral Calibration Kit I	ThermoFisher Scientific	\$389.58
ABY™ Dye Spectral Calibration Plate for Multiplex qPCR, Fast 96-well	ThermoFisher Scientific	\$31.92

JUN™ Dye Spectral Calibration Plate for Multiplex qPCR, Fast 96-well	ThermoFisher Scientific	\$31.92
KingFisher 96 Tip Comb, pack of 100	ThermoFisher Scientific	\$608.70
KingFisher 96 deep-well plate, v-bottom, polypropylene	ThermoFisher Scientific	\$308.01
KingFisher 96 microplate (200µL) (for Flex, Apex and Presto), pack of 48	ThermoFisher Scientific	\$171.09
Hard-Shell 96-Well PCR Plates, Low Profile, Thin wall, skirted, White/White, pack of 50 pieces	Biorad	\$170.46
Hard-Shell 96-Well PCR Plates, Low Profile, Thin wall, skirted, White/Clear, pack of 50 pieces	Biorad	\$175.50
Microseal 'B' PCR Plate Sealing Film, adhesive, optical, pack of 100 pieces	Biorad	\$123.20
0.2 ml 8-Tube PCR Strips without Caps, low profile, clear, pack of 120 pieces	Biorad	\$74.26
0.2 ml 8-Tube PCR Strips without Caps, low profile, white, pack of 120 pieces	Biorad	\$74.10
0.2 ml Flat PCR Tube 8-Cap Strips, optical, ultraclear, pack of 120 pieces	Biorad	\$40.43
cobas® SARS-CoV-2 Control Kit, 16mL	Roche	\$300.00
cobas® 6800/8800 Buffer Negative Control Kit, 16mL	Roche	\$77.00
COBAS OMNI PROCESSING PLATE, pack of 32 pieces	Roche	\$63.00
COBAS OMNI PIPETTE TIPS, pack of 1536 pieces	Roche	\$137.00
COBAS OMNI AMPLIFICATION PLATE, pack of 32 pieces	Roche	\$178.00
KIT COBAS 6800/8800 WASH Reagent IVD, 4.2 mL	Roche	\$30.00
KIT COBAS 6800/8800 SPEC DIL REAGENT IVD, 4 x 875 mL	Roche	\$79.00
KIT COBAS 6800/8800 LYS REAGENT IVD, 4 x 875 mL	Roche	\$213.00
KIT COBAS 6800/8800 MGP IVD, 480 tests	Roche	\$50.00