

Instructions for Handling Test Materials and Recording Results

COV: SARS-CoV-2 - Molecular	
Materials Supplied Two 1.5 ml liquid samples (A and B) containing non-replicant recombinant virus particles.	
Storage Instructions:	Store samples in the refrigerator Allow samples to equilibrate to room temperature before testing.
Testing Instructions:	1. Each sample is a simulated liquid clinical sample. 2. Mix samples thoroughly. 3. Test the samples following the manufacturer's recommended instructions for liquid QC samples.
Reporting Instructions:	Report for each sample whether the presence of SARS-CoV-2 has been Detected or Not Detected. Please enter Ct values and copies/ml in the comments section if these have been determined.
Reporting options:	Detected or Not Detected
Methods:	Reagent Kit: 3-D Medicines SARS-CoV-2, Influenza A&B RT-qPCR Detection Kit Abbott RealTime SARS-CoV-2 Abbott ID Now COVID 19 AIT Laboratories SARS-CoV-2 Assay Altona RealStar SARS-CoV-2 Anatolia Geneworks Bosphore Novel Coronavirus (2019-nCoV) AvellinoCoV2 AusDiagnostics SARS-CoV-2, Influenza, RSV panel BD SARS-CoV2 BGI Genomics SARS-2019-nCoV Biocerna SARS-CoV-2 Test BioFire Defense COVID-19 Test BioGx SARS-CoV BioNeer AccuPower COVID-19 BioMerieux SARS-CoV-2 R-Gene test BioReference Laboratories Novel Coronavirus COVID-19 Canvax qMAXSen Coronavirus (SARS-CoV-2) RT-qPCR Detection Kit CDC 2019-nCoV Cepheid Xpert Express SARS-CoV-2 CerTest BioTec VIASURE 19nCoV ChromaCode HDPCR SARS-CoV-2 real-time PCR assay CirrusDx SARS-CoV-2 Assay Co-Diagnostics Logix Smart Coronavirus Disease 2019 (COVID-19) Kit Credo Diagnostics VitaPCR SARS-CoV-2 Assay DiaCarta QuantiVirus SARS-CoV-2 Diatherix Eurofins SARS-CoV-2 PCR test DiaSorin Simplexa COVID-19 Fosun COVID-19 RT-PCR Detection kit

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	Generon Quantivirus Real Time PCR SARS-CoV-2 Generon 2019-Novel Coronavirus (2019-nCoV) Triplex RT-qPCR Generon VETfinder Genmark ePlex SARS-CoV-2 Genomica CLART COVID-19 Genomica CLART qCOVID-19 Genesensor GS COVID-19 RT-PCR kit Gerbion VirellaSARS-CoV-2 Gnomegen COVID-19 Hologic Panther Fusion SARS-CoV IDT 2019-novel coronavirus kit InBios Smart Detect SARS-CoV-2 Ipsium Diagnostics COV-19 IDx JM Medsys ProTect Covid-19 kit Kogene Biotech 2019 Novel Coronavirus real-time PCR kit Luminex ARIES SARS-CoV-2 Luminex NxTag CoV Lab Corp COVID-19 Mesa Bio Accula SARS-CoV-2 NeuMoDx SARS0CoV-2 NY Wadsworth SARS-CoV-2 Orig3n 2019 Novel Coronavirus (COVID-19) Test Osang Healthcare Genefinder Covid-19 Plus RealAmp kit Pathofinder RealAccurate Quadruplex Corona-plus PCR kit Perkin Elmer New Coronavirus Primerdesign COVID-19 genesig Quest Diagnostics SARS-CoV-2 Quidel Lyra SARS-CoV-2 Qiagen QiaStat-Dx Respiratory SARS-CoV-2 Panel Quest Diagnostics Coronavirus Disease (COVID-19) Test Roche Cobas SARS-CoV-2 ScienCell SARS-CoV-2 Seegene Allplex 2019-nCoV Assay Sentinel Diagnostics STAT-NAT COVID-19 HK kit Siemens Fast Track Diagnostics (FTD) SARS0CoV-2 Assay SolGent DiaPlexQ Novel Coronavirus (2019-nCoV) Detection kit Systaaq Diagnostic 2019- Novel Coronavirus (COVID-19) real Time PCR kit Thermo Fisher TaqMan COVID-19 Thermo Fisher TaqPath COVID-19 Pheonix Dx 2019-CoV Virocor SARS-CoV-2 Assay Vision Medicals SARS-CoV-2 Clinical Sequencing Assay Vela Diagnostics ViroKey SARS-CoV-2 VIRseek SARS-CoV-2 YD Diagnostics MolecuTech Real-Time COVID-19 Lab developed method
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	Other_____ Instruments: Abbott m2000 Applied Biosystems BDMax Bio-Rad CFX BioMerieux BioNeer Exicycler 96 Qiagen Rotor-Gene QuantStudio Roche cobas 6800 Roche LightCycler Sentosa SA201 Thermo Fisher)ABI) QuantStudio 5 Thermo Fisher (ABI) 7500 Dx Other_____
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Instructions for Handling Test Materials and Recording Results

CVS: SARS-CoV-2 – Molecular Dry Swab-	
Materials Supplied Two dry swabs in sealed self-seal pouches	
Storage Instructions:	1. Store samples in the refrigerator 2. Allow samples to equilibrate to room temperature before testing..
Testing Instructions:	3. Remove swab from pouch. 4. Process swab in the same manner as you would a patient sample.
Reporting Instructions:	Report for each sample whether the presence of SARS-CoV-2 has been Detected or Not Detected.
Reporting options:	Detected or Not Detected
Methods:	Abbott ID Now COVID-19 Atila iAMP COVID-19 Bosch Vivalytic SARS-CoV-2 Lab developed method Mesa Bio. Accula SARS-CoV-2 Quidel Lyra Direct SARS-CoV-2 Rheonix COVID-19 MDx Other_____

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ATG: SARS-CoV-2 - Antigen	
Materials Supplied Three dry swabs in sealed self-seal pouches	
Storage Instructions:	1. Store samples in the refrigerator 2. Allow samples to equilibrate to room temperature before testing..
Testing Instructions:	3. Remove swab from pouch. 4. Process swab in the same manner as you would a patient sample.
Reporting Instructions:	Report for each sample whether the presence of SARS-CoV-2 has been Detected or Not Detected.
Reporting options:	Detected or Not Detected
Methods:	BD Veritor BinaxNow COVID-19 Ag DiaSorin Liaison SARS-CoV2 Ag Plus Inspire Vision COVID-19 Ag Instant-View COVID-19 Antigen LumiraDX SARS-CoV-2 Ag OCD Vitros SARS-CoV-2 Antigen Quidel QuickVue SARS Antigen Quidel Sofia, 2 SARS Ag Other _____

Instructions for Handling Test Materials and Recording Results

SAB: SARS-CoV-2 – Serology- Round SA011 This round of SAB samples is being run in conjunction with EQALM members and results (anonymised) will be collated.

Materials Supplied

Three 1.0 ml liquid samples (A, B and C) containing human serum samples.

Storage Instructions:

Store samples in the refrigerator
Allow samples to equilibrate to room temperature before testing.

Please analyse within a week of receipt.

Testing Instructions:

1. Each sample is a human serum sample.
2. Mix samples thoroughly.
3. Test the samples following the manufacturer's recommended instructions for liquid QC samples.

Reporting Instructions:

Report for each sample whether the presence of the individual antibody analyte options (that you test for) has been Detected or Not Detected.

If you do not test for a particular antibody do not submit a result.

Reporting options:

SARS-CoV-2 IgA Spike
SARS-CoV-2 IgA Nucleocapsid
SARS-CoV-2 IgG Spike
SARS-CoV-2 IgG Nucleocapsid
SARS-CoV-2 IgM
SARS-CoV-2 total Ab

Qualitative:

Results options:

Detected
Not Detected
Borderline
Void

Quantitative:

BAU/mL

Interpretation:

No infection with SARS-CoV-2 or no evidence of successful vaccination.
Acute infection with SARS-Cov-2
Past infection with SARS-CoV-2
Successful vaccination
Anti-SARS-CoV-2 antibodies positive without further details

In the comments section could the following be included:

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	1. Details regarding your analysis in the comments section. Including the test system used including reagents and the calibrator information.
Methods:	SARS-CoV2 IgA Gold Std. Diag. SARS-CoV-2 IgA Other _____ SARS-CoV2 IgG Abbott SARS CoV-2 IgG Autobio Anti-SARS-CoV-2 Beckman Access SARS-CoV-2 IgG BioMerieux Vidas SARS-CoV2 IgG BTNX Rapid COVID-19 IgG/IgM Cellex qSARS-CoV-2 IgG/IgM DiaSorin Liaison SARS-CoV2 IgG Euroimmun Anti-SARSCov2 IgG Gold Std. Diag. SARS-CoV-2 IgG Healgen COVID-19 IgG/IgM OCD Vitros Anti-SARSCov2 IgG Premier Biot. COVID-19 IgG/IgM QuikPac II COVID-19 IgG/IgM SureScreen COVID-19 IgM/IgG Zeus ELISA SARS-CoV-2 IgG Zeus Rapid SARS-CoV-2 IgM/IgG Other _____ SARS-CoV2 IgM Autobio Anti-SARS-CoV-2 BioMerieux Vidas SARS-CoV2 IgM BTNX Rapid COVID-19 IgG/IgM Cellex qSARS-CoV-2 IgG/IgM Gold Std. Diag. SARS-CoV-2 IgM Healgen COVID-19 IgG/IgM Premier Biot. COVID-19 IgG/IgM QuikPac II COVID-19 IgG/IgM SureScreen COVID-19 IgM/IgG Zeus Rapid SARS-CoV-2 IgM/IgG Other _____ SARS-CoV2 Total Ab BioRad Platelia SARSCov2 Total New York SARS-CoV MIA OCD Vitros Anti-SARSCov2 Tot Roche cobas Anti-SARS-CoV-2 Siemens Atellica SARSCov2 Tot. Siemens Centaur SARSCov2 Tot. Siemens EXL SARSCov2 Total Ab. Siemens Vista SARSCov2 Tot. Ab Other _____

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All results should be submitted using PORTAL.

Please go to <https://portal.lgcstandards.com>

Login using your Lab ID, username and password.

PORTAL user advice has been supplied in the sample package and in the sample despatch email. Further guides can be downloaded from the help section.

Please do not hesitate to contact our support team using the details below or your local LGC representative if any difficulties are encountered.

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Email: ptcustomerservices@lgcgroup.com