Supplementary Table S1. The list of used diagnostic kits with accompanying information about the manufacturer, target genes, internal control and appropriate detection fluorophore channels.

Diagnostic CE-IVD kit	**Manufacturer**	**Target gene(s)**	**Detection channel**	**Internal control**	**Detection channel**
Fosun COVID-19 RT-PCR Detection Kit	Fosun Diagnostics, Shanghai, China	ORF1ab gene N gene E gene	FAM JOE ROX	Internal reference	Cy5
Multiple Real-Time PCR Kit for Detection of 2019-nCoV	X-ABT Beijing Applied Biological Technologies, Beijing, China	ORF1ab gene N gene E gene	FAM VIC ROX	RNase P	Cy5
FTD SARS-CoV-2 Assay	Siemens Healthineers, Erlangen, Germany	ORF1ab gene N gene	FAM*	Equine Arteritis Virus	Cy5
LabGun™ COVID-19 RT-PCR Kit	LabGenomics, South Korea	RdRp gene E gene	FAM Cy5	MS2 RNA internal control	VIC/HEX
PROmate® COVID-19 2G Kit	Primerdesign™ Ltd, Dayton, USA	ORF1ab gene Nsp16 gene	FAM Cy5	RNA template	HEX
GeneFinder™ COVID-19 Plus RealAmp Kit	Osang Healthcare, South Korea	RdRp gene E gene N gene	FAM Texas Red JOE/VIC	RNase P	Cy5
Lilly SARS- CoV-2 Assay	Eli Lilly and Company, Indianapolis, USA	N1 gene N2 gene	FAM*	RNase P	Cy5
Bosphore Novel Coronavirus (2019-nCoV) Detection Kit v2	Anatolia Genworks, Turkey	ORF1ab gene E gene	FAM HEX	Internal Control	Cy5

*- FTD SARS-CoV-2 Assay and Lilly SARS- CoV-2 Assay are single-well, dual target assays