

■ Diagnostic Technology Exhibition

No.	Company	Categorize	Products	Products Feature
1	PRIME4DIA Co., Ltd	Testing kit	P4DETECT COVID-19 IgM/IgG P4DETECT COVID-19 Ag P4DETECT Influenza A&B	This is rapid chromatographic immunoassay for the qualitative detection of Coronavirus(SARS-CoV-2)IgM and IgG antibody in serum, plasma, whole blood specimens.
2	BIONEER Corp.		AccuPower® SARS-CoV-2 Multiplex Real-Time RT-PCR kit	AccuPower® SARS-CoV-2 Multiplex Real-Time RT-PCR Kit is an in vitro diagnostic kit that helps diagnose COVID-19 infections. The kit is able to detect 3 targets(E gene, RdRp & N gene) in a tube. Sputum, nasopharyngeal swab, oropharyngeal swab from suspected infection patient's sample can be used.
			AccuPower® COVID-19 Real-Time RT-PCR kit	AccuPower® COVID-19 Real-Time RT-PCR Kit is an in vitro diagnostic kit that helps diagnose COVID-19 infections, detects SARS-CoV-2 (E gene and RdRp gene) RNA from a suspected infection patient's sample (such as sputum, nasopharyngeal swab, oropharyngeal swab) through Real-Time Polymerase chain reaction(PCR) using ExiStation®, Universal MDx system.
			ExiPrep™ 96 Lite	ExiPrep™ 96 Lite is a high-capacity nucleic acid extraction instrument that automatically extracts nucleic acids from up to 96 samples. Magnetic rod method for extracting nucleic acids within 30 minutes. Built-in optimized protocol for each kit can easily extract the nucleic acid, various samples such as blood and serum can be applied. In addition, the number of magnetic rod can be set to 32 units (32, 64, and 96) depending on the number of samples.
			ExiStation™	ExiStation™ Universal Molecular Diagnostic System is an innovative semi-automated real-time qPCR based molecular diagnostic system. ExiStation™ is a workflow platform consisting of Max. 3 ExiPrep™ 16 Dx and one Exicycler™ 96. This unique composition allows simultaneous diagnosis of various diseases regardless of target and sample type. ExiStation™ is a pipetting-free system that mixes the extracted nucleic acids with the diagnostic reagents automatically, increasing convenience, practicality and reproducibility.
3	TNS Co., Ltd (BioTNS)		COVID-19 RT-PCR PNA KIT	The COVID-19 RT-PCR PNA KIT is an in vitro diagnostic product with real-time reverse transcription(RT)-Polymerase chain reaction (PCR) assay intended for the qualitative detection of nucleic acid from the SARS-CoV-2 known as SARS-2019-nCoV, novel coronavirus in respiratory specimens.
			COVID-19 RT-PCR RNA extraction kit	
4	ASAN PHARMACEUTICAL Co., Ltd		Asan Easy Test Covid-19 IgG/IgM	Covid-19 antibody diagnostic kit
			ASAN Transport Medium	To collect, transport, and preserve mucous membranes of the pharynx and nasal cavity for inspection of Viruses, Chlamydia, Mycoplasma and Ureoplasma.
			Asan Easy Test Influenza A/B	Flu Diagnostic Kit
5	gillbio		G-COVID-19 IgM/IgG Antibody rapid detection kit	G-COVID-19 IgM/IgG Antibody rapid detection kit is a gold nanoparticle-based immunochromatographic test kit for qualitative determination of COVID-19's IgM and IgG antibodies in human whole blood (finger prick or venous), serum or plasma. The kits are accurate and easy to use and results can be observed with the naked eye within 10 minutes. The test detects the presence of antibodies, which are specific proteins made in response to infections. Antibodies can be found in the blood of those who are tested after infection. The antibodies detected by this test indicate that a person had an immune response to COVID-19, whether symptoms developed from infection or the infection was asymptomatic. Antibody test results are important in detecting infections with few or no symptoms. As there is no medicine or vaccine, the best way to combat this infection is isolation. A lot of people don't have symptoms. Because of that, quick diagnostics are very important. SGTi-flex COVID-19 IgM/IgG enables to help for community to identify infection and isolate people without symptoms but suspected COVID-19.
6	DowGene Co., Ltd		Dow QuickFinder™ 2019-nCoV Real-Time PCR assay	The product is designed to detect Novel Coronavirus (2019-nCoV) genes quickly and accurately, and rapid and accurate diagnosis can help prevent the spread of the disease by appropriately treating the infected patients. Dow QuickFinder™ 2019-nCoV Real-Time PCR assay is a real-time RT-PCR assay intended for the qualitative detection of nucleic acid from SARS-CoV-2 in nasopharyngeal or oropharyngeal swab specimens from patients suspected of COVID-19 by their healthcare provider. Dow QuickFinder™ 2019-nCoV Real-Time PCR assay is to be used with Applied Biosystems® 7500 Real-Time PCR System. The instrument has to be installed, calibrated and maintained according to the manufacturer's instruction and recommendations.

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7	PCL INC.	Testing kit	nCoV one step RT-PCR Kit	PCLMDTM nCoV one step RT-PCR Kit is a qualitative test for SARS-CoV-2 in human respiratory specimens. Korean COVID-19 Clinical Trials has been completed, and PCLMDTM nCoV one step RT-PCR Kit showed 7~43 fold Higher Sensitivity compared to other kits with KFDA Emergency Usage Approval.
			PCL COVID19 Ag Rapid FIA	PCL COVID19 Ag Rapid FIA is an in vitro diagnostic medical device (based on fluorescent immunoassay) for qualitative detection SARS-CoV-2 antigen in human oropharyngeal / nasopharyngeal specimens and sputum specimens within 20 minutes. (CE marked)
			PCL COVID19 IgG/IgM Rapid Gold PCL COVID19 Total Ab EIA	There are two products First, PCL COVID19 IgG/IgM Rapid Gold is an in vitro diagnostic medical device for qualitative detection of IgG and IgM antibodies of SARS-CoV-2 infection in human serum, plasma, venous blood and capillary blood within 20 minutes. (CE marked and FDA listed) Second, PCL COVID19 Total Ab EIA is a high-throughput diagnosis product that can be automated by an ELISA machine.
8	SolGent Co., Ltd.		DiaPlexQ™ Novel Coronavirus(2019-nCoV) Detection Kit	<p>1. Features</p> <ul style="list-style-type: none"> - Multiplex OneStep qRT-PCR - Hot Start PCR system by using optimized Hot Start polymerase - Commercial Real-time PCR Instrument available - High specificity: simultaneous detection of ORF1a and N gene. <p>2. Detection Targets</p> <ul style="list-style-type: none"> - Simultaneous Detection of ORF1a / N gene - CDC 2019-Novel Coronavirus (2019-nCoV) Real-time qRT-PCR Panel Primers and Probes - High specific targets were selected based on the Chinese CDC and US CDC.
			GENECHECKER® UF-300 Real-time PCR System	<p>This product, launched with our proprietary technology, has the following features.</p> <ul style="list-style-type: none"> - Patented chip based reaction provides rapid output- "40 Cycles in 20Minutes". - Intuitive user interface (LCD touch panel) makes the test simple and easy. - Small footprint of the platform makes it ideal for point-of-care testing applications. - DC driven operation with low power consumption(Battery operation is - possible.) - Improved temperature accuracy and uniformity to meet the requirements in diagnostics. - The model with dual detection channels (FAM/ROX) is available.
9	Genesystem Co., Ltd.		SMARTCHEK® Novel Coronavirus (SARS-CoV-2) Detection Kit	<p>Our technology-integrated diagnostic kit for COVID-19 has the following features.</p> <ul style="list-style-type: none"> - 1hour of turn-around-time using GENECHECKER® UF-300 real-time PCR platform - Simple workflow for minimized user handling - Assay is designed to detect RdRP gene and N gene of SARS-CoV-2 - Compact and affordable solution that suits any application
			KOVcheck COVID-19 IgG/IgM	<ul style="list-style-type: none"> - Rapid Test for SARS-CoV-2 antibodies within 15 minutes. - Available for whole blood, serum or plasma. - No special equipment or training required. - Excellent clinical efficacy.
10	ProteomeTech Inc		GENEdania COVID-19 qRT-PCR	<ul style="list-style-type: none"> - Detects three COVID-19 genes : Orf1ab, N and E genes and endogenous control gene - Full compliance with the WHO Guidelines - Less than 2 hours from RNA to results on most qPCR machines - One tube and one step real-time RT-PCR assay Kit - UDG (Uracil-DNA Glycosylase) to eliminate the carry-over contamination during the RT-PCR assay.
			ImmuneCheck IgG	<p>World's first direct whole blood test kit for total IgG concentration measurement. Results in 20 minutes without any instrument. Uses 5 ul of blood sample.</p>
			JD COVID-19 qRT-PCR Kit	<p>JD COVID-19 qRT-PCR Kit is used for in vitro diagnostics of novel coronavirus (SARS-CoV-2) in human oropharyngeal and nasopharyngeal swab and sputum samples. JD COVID-19 qRT-PCR Kit uses Real-time RT-PCR. SARS-CoV-2 is first transcribed into cDNA by reverse transcriptase, and then cDNA is used as a template for PCR amplification. Primer and fluorescent probe were set to the N gene site in reference to US FDA's "FAQs on Diagnostic Testing for SARS-CoV-2." JD COVID-19 qRT-PCR Kit can determine positive results through reaction of increased amount of fluorescent Taqman probe contained in the reagent, in real time.</p>
12	GTG Wellness		1 copy COVID-19 qPCR kit	<ul style="list-style-type: none"> - Available 100 Test per Kit - Result in about 1 hour 30minutes - Using Rnase(1copy Technology)
			DNALINK FIND COVID19	<p>DNALINK FIND COVID19™ is a gold nanoparticle based immunochromatography test kit that qualitatively measures IgM and IgG antibodies from COVID-19 in whole blood, serum or plasma. The kit is accurate, easy to use, and The results can be checked with the naked eye within 10-15 minutes.</p>

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13	Sanigen Co., Ltd.	Testing kit	Genelix™ COVID-19 RT PCR Kit	- Genelix™ COVID-19 Real-Time PCR Kit is an in vitro diagnostic medical device that diagnoses Coronavirus disease 2019 (COVID-19) in samples (sputum, oropharyngeal and nasopharyngeal swabs) of suspected patients with respiratory infections. - Genelix™ COVID-19 Real-Time PCR Kit is able to confirm the presence or absence of a novel Coronavirus infection by amplifying and detecting the specific genes (RdRp, E gene) of SARS-CoV-2 using Reverse Transcriptase Real-time PCR technique. - Genelix™ COVID-19 Real-Time PCR Kit is an compatible with CFX 96™ (Bio-Rad) and AB7500 Fast (Thermo Fisher Scientific) for detection of SARS-CoV-2.
			Genelix™ Vrial DNA/RNA extraction Kit	- Applicable various specimens including respiratory specimens - Easy & Fast Extraction - High Yield
14	SG MEDICAL, Inc.		Gene™ set	This product is for collecting, transporing, and preseving the specimens to test infections caused by respiratory pathogen. Transport media contains surfactant which helps microorganism or virus isolation and also contains guanidine to safely store nucleic acid.
			R-FIND COVID-19 IgG/M/A ELISA	This product is an in vitro diagmstic device that helps diagnose Mycoplasma pneumonia by measuring Mycoplasma pneumonia IgG antibodies(anti-Mycoplasma pneumonia IgG) qualitatively in human serum with enzyme immunoassay(ELISA)
			InstaView COVID-19 IgG/IgM	COVID-19 assay Lapid test
15	RheoMeditech Inc.		RheoSCAN	The RheoScan®hemorheologicaltest provides two assays for detection of diabetic complications at their earlier stages with measurements of the RBC deformability and aggregating force.
		ANYSIS	The Anysis®system test provides assessment for inherited, acquired, or drug-induced platelet dysfunction. Through in-vivo vascular mimicking microfluidics, the system measures a realistic primary hemostasis associated with platelet function.	
16	INCORE Co., Ltd	Ssample collection tools	CORE-MEDIUM System	A single set of tools for collecting samples and transporting them to a diagnostic institution with a sample collection kit
			CORE-MEDIUM	This product is a transport medium used to collect and transport
			CORE-SWAB	Medical swabs to collect samples
17	GCS Co., Ltd	Non-Contact Medical Thermometer	OXIVI AUTOMATED AMBU BAD VENTILATOR	This is an BVM(Bag valve mask) automatic assist drvice which is normally used in emergency cases. Oxivi is easy to operate and has a function that controls the amount of breath and number of breaths, so it can be applied to all people, including children and elderly. There are strengths for OXIVI AUTOMATED AMBU BAD VENTILATOR Easy to use and install / Constant force is applied and an constant airflow is possible / Control the amount of breath and time / Smart ventilator for elderly, adult, adolescent, pediatric and neonatal patient / No need of an assistant & Safe from infection
			Non-Contact IR Temp Thermometer(TH-21)	Accuracy of IR Themometer Infrared thermometer takes advantage of infrared's ability to transport energy through space. Because the infrared thermometer's sensor senses heat, it can measure body temperature over a distance without direct contact. The non-contact IR thermometer measures the infrared radiation emitted from the human body and shows it in terms of temperature. Body temperature is measured by the amount of infrared radiation emitted though temporal artery distributed in the forehead area. There are 3 strengths such as Non-Contact Measurement, Living Temperatures Measurement, Convenience. Also, Non-Contact IR Temp Thermometer has Kcc&CE DOC and FCC certificates.
			V-Shield set	*Product ranges: Sterilization Spray&Sterilization Patch & Sterilization Multipurpose Clip V Shield is a safe ingredient in life. Suggest a new, healthy, clean antibacterial lifestyle by eliminating the causal molecules of exposed harmful ingredients. V-shield uses Chlorine dioxide which and effective substance recognized by the World Health Organization as the highest safety grade (A-1). World-recognized safe substance! Also, High technology for area sterilization using chlorine dioxide gas is applied to all the products of V-shield. The good thing is that clients select products and compose the set they want.
18	Daiseung Medics Co., Ltd		Non-Contact Infrared Thermometer	This product is a non-contact infrared thermometer that uses a infrared sensor to measure the infrared emission of the measured area and displays the measured temperature on the LCD screen. - Infection Prevention and Sanitizing Effects - Capable of Securing Safety Distance from Object - Stable Measurement Results Regardless of Measurement Distance - Diverse Functions Available - Low Unit Cost Compared to Other Companies
			Non-Contact Electronic Thermometer	- Measuring range - Body temperature : 32.0°C ~ 42.9°C(89.6°F ~ 109.22°F) - Indication error : ±0.2°C - Measurement time : ≤1 second - Measuring distance : 50mm - 150mm
19	GTG Wellness		Non-Contact Medical Thermometer	Non-contact Electronic Thermometer
20	CMLAB Co.,Ltd	Infrared & Digital Thermometer	CK2020B	- Non-contact infrared thermometer - Dual mode : EAR and Forehead
			CM2222A	- Automatic ambient temperture corenction funtion(patent) - Digital Thermometer(Ampit&Oral)
			CM2222B	- Micro-C type : Charging battery - 40sets of memory data
			CM2222C	- Adult, Child, Object mode - World first device 3 in 1

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21	GLOBAL GANGWON TRADE Co., Ltd	Thermal camera&system	AI FACE RECOGNITION DEVICE	Face Recognition Access Control non Face-to-face heat meter is a terminal product with heat check function and comparison of face information
22	TRUONE co., Ltd		ELIJABETH	For the first quarantine caused by the COVID-19, elijabeth and detect high-temperature patients in 0.5 second a quick automatic alarm with its core technologies.
			ELIJABETH Software	Detect and visualize invisible far-infrared rays(LWIR, 8.0um to 14.0um) for visual processing - far-infrared ray: occurring in a subject with temperature informaion of the subject - infrared Detecting Device : Micro Volometer
			Kiosk	Starting from military use, it has been expanded for civilian use. Due to the development of semiconductor integration technology, it can be reduced and reduced compared to military use.
23	SQISOFT	B49 Guardian	Body temperature self-check kiosk with body temperature measurement, automatic detection of mask wearing, face recognition identification, and commercial board function.	
24	TBT	Thermal camera	TPV-IASW-FDU	Thermography Imaging Camera
25	Aiview Technology Co., Ltd		Thermal camera	As a patented product developed by our company for the first time in the world, a camera type detector detects a fire accompanied by 'heat' and 'flame' caused by overheating of object. * Purpose: Thermal image duplication camera is an intelligent infrared camera that detects before a fire occurs - Temperature data received from the thermal image sensor - It analyzes the CCD image and detects abnormal signal monitoring function. This equipment can be applied in conjunction with NVR and VMS
26	Medicore Co., Ltd.		IRIS-QT/QS	High fever discrimination system with infrared camera
27	GTSCIEN	Testing Booth	Smart Testing Booth	Major government and international health institutions project that COVID-19 could persist until 2024, and that similar highly contagious diseases will continue to occur. The COVID-19 Smart Testing Booth is the ultimate solution for keeping healthcare professionals safe while rapidly and efficiently testing patients as part of a comprehensive testing protocol for containing viral outbreaks. - Made by experienced manufacturer with over 10 years of laboratory EHS equipment manufacturing experience - Effective protection for healthcare technicians from viral infection - 2-stage clean air filtration system - Built-in air conditioner & heater - Testing procedure-optimized workstation - Can be connected and installed in a row (parallel construction) to save space and boost convenience - Available in 5 different colors with graphic logo/name printing for institutions
28	CMLAB Co.,Ltd	Non-face-to-face docking system	ThermoCops	CM Lab's "non-face-to-face automatic access management system" is a system that automatically checks body temperature and identity. Measured data is recorded/managed. - Non-contact infrared thermometer - Automatic Human body detection function Adroid based - Body temperature/identity automatic display and data transmission Touch Screen - QR code method iD check-camera
29	Healcerion Co., Ltd	Wireless portable ultrasound	SONON 300C	Wireless ultrasound device diagnostic depth up to 20cm, used for uterus, abdomen, etc.
			SONON 300L	Wireless ultrasound device diagnosis depth up to 10cm, used for chest, musculoskeletal, etc.
30	Xcell Therapeutics	Viral Transport Medium RT	Specigrab Viral Transport Medium RT	Unique Media Formulation & Manufacturing - Sustains viability for virusesm especially COVID-19. - Suppresses bacterial and fungal contamination by incorporating antibiotics in the medium. - Minimizes microbial contamination through 0.2µm sterile filtration with cleanroom manufacturing process and lot-bases sterility test. Flexible Transport Temperature Ranges - Room temperature or refrigerated. Long-term Preservation - Preserve viruses for long-term frozen storage. Safe to stand up, Easy to Handle - Skirted tube prevents sample spills. - Tubed with distinctive internal conical shape enabling centrifugation of samples. Cost Efficient - Large 2.5mL media fill volume allows for multiple tests on the same specimen. Compatibility - Able to be used with general flocked swabs. Visual Check - Easy to ensure medium integrity at the time of specimen collection.
31	Joonhun Pharmaceutical Co.,Ltd	-	Joonhun Ribavirin Capsule®	Ribavirin is used with an interferon medication such as interferon alpha-2b, peginterferon alfa-2a or peginterferon alpha-2b to treat hepatitis C. 1. Broad spectrum of RNA and DNA virus through various mechanisms of action. 2. By co-administering with interferon alpha injection, sustained virologic response (SVR) is elevated to effectively treat chronic hepatitis C. 3. Despite repeated exposure to the drug, the expression rate of resistance is low. 4. The Korean Health Insurance Authority (HIRA) allows off label use for patients with confirmed COVID-19 infection, or patients with suspected COVID-19 who is undergoing testing for confirmation