Product Information

Single-Use Disposal Surgical Masks

An ASTM F1200-11 Level 1 standard surgical 3-layer mask is a loose-fitting, disposable device that creates a physical barrier between the mouth and nose of the wearer and potential contaminants in the immediate environment. Disposable masks are regulated by the US FDA under 21 CFR 878.4040. A surgical mask is meant to help block large-particle droplets, splashes, sprays, or splatter that may contain germs (viruses and bacteria), keeping it from reaching your mouth and nose. Surgical masks may also help reduce exposure of your saliva and respiratory secretions to others.

SPECS:

ASTM Level 1 characteristics

Characteristic	Level 1
Bacterial filtration efficiency	≥95%
Sub-micron particulates filtration efficient at 0.1 micron	≥95%
Differential pressure, mm H20/cm2 (Breathability)	<4.0
Resistance to penetration by synthetic blood, minimum pressure in mm Hg for pass resuls	80 mm Hg
Flame spread	Class 1

Packing: 50PCS/BOX
Color: Blue
Expiration: 24months

Delivery Timeline: 7-10 days including international shipping & customs clearance
Order Quantities: No minimum currently
Samples available upon request

Volume (Units)	Cost/Unit
1	$0.89

Infrared Thermometer

Infrared Thermometer is a handheld, reusable, battery operated, device that can measure surface and forehead temperature measurement for infants and adults without contact to human body. It can be used by consumers in household environment and healthcare professionals as a reference.

The operation principle is based on infrared sensor technology, whereby the IR Sensor is converted to digital value and displays it to LCD. The device conforms and is manufactured to applicable standards included ASTM E 1965-98(2003), IEC 60601-1 and IEC 60601-1-2 requirements.

Product Parameters

Display Resolution: 0.1°C

Body Temperature Accuracy: ±0.3°C

Body Temperature Range: 32 – 42.9°C (90 – 109°F)

Distance to meet accuracy: 3 – 5 cm

Battery: DC 1.5V 2* AAA Batteries

Auto power off: 18s

Product Size: 167x44x82 mm

Product Weight: 110g (without batteries)

Delivery Timeline: To be confirmed
Order Quantities: No minimum currently
Samples available upon request

Volume (Units)	Cost/Unit
1	$49.68

N95 Filter Masks

Respiratory protection is required or recommended for health care workers to help reduce their exposures to airborne particles, including bacteria and viruses that may cause disease. Most often the requirement is for them to use an "N95, FFP2 or equivalent" filtering facepiece respirator. When used correctly, respirators can help reduce wearers' exposures to airborne particulate hazards, including both bioaerosols and nonbiological aerosols. Respirators contain filter material and are designed to form a seal with the wearer's face, so that air passes through the filter (instead of around the edges) before it is inhaled.

The N95 filter mask meets Centers for Disease Control and Prevention (CDC) and National Institute for Occupational Safety and Health (NIOSH) guidelines for protection and is certified to have a filter efficiency level of 95 percent or greater against particulate aerosols free of oil. As the front lines of filtration, these Surgical N95 CE certified masks are also Food and Drug Administration (FDA) pending clearance for use.

Features include:

Meets CDC/NIOSH guidelines for Mycobacterium tuberculosis exposure control
FDA pending clearance for use
99% BFE (Bacterial Filtration Efficiency) according to ASTM F2101
Fluid resistant according to ASTM F1862
Respirator contains no components made from natural rubber latex

Delivery Timeline: 5-8 days including international shipping & customs clearance -Pending
Order Quantities: No minimum currently

Samples available upon request

Volume (Units)	Cost/Unit
1	$2.81

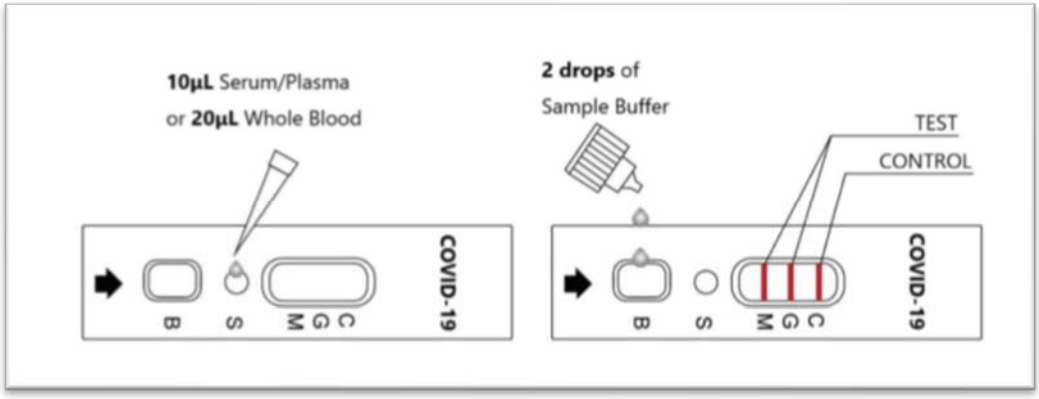
VictoGen

15-minute Rapid Diagnostics Cassette

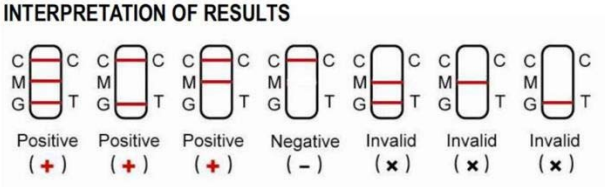
COVID-19 IgG/IgM rapid 15-minute membrane-based immunoassay is for the detection of COVID-19 antibodies in whole blood, serum or plasma, which is suitable for large-scale screening and a much easier and faster way to test COVID-19.

This test consists of 2 components, an IgG and IgM component. During testing, the specimen reacts with COVID-19 antigen-coated particles in the test cassette. The mixture then migrates upward on the membrane chromatographically by capillary action and reacts with the anti-human IgG in IgM test line region. To serve as procedural control, a colored line will always appear in the control line region, indicating that proper volume of specimen has been added and membrane wicking has occurred.

Sample Collection Options:
a. Have a certified phlebotomist collect whole blood into a purple, blue or green top collection tube (containing EDTA, citrate or heparin, respectively) by venipuncture
b. Have a certified phlebotomist collect whole blood into a red top collection tube (containing no anticoagulants) by venipuncture
c. Blood drops of whole blood can be obtained by either fingertip puncture or venipuncture. Do not used hemolyzed blood for testing



INTERPRETATION OF RESULTS



IgG & IgM POSITIVE:*Three lines appear. One colored line should be in the control line region (C), and two colored lines should appear in IgG test line region and IgM test line region. The color intensities of the lines do not have to match. The result is positive for IgG & IgM antibodies and is indicative of secondary SARS-COV-2 infection.

IgG POSITIVE:*Two lines appear. One colored line should be in the control line region (C), and a colored line appears in IgG test line region. The result is positive for SARS-COV-2 virus specific-IgG and is probably indicative of secondary SARS-COV-2 infection.

IgM POSITIVE:*Two lines appear. One colored line should be in the control line region (C), and a colored line appears in IgM test line region. The result is positive for SARS-COV-2 virus specific-IgM antibodies and is indicative of primary SARS-COV-2 infection.

**NOTE: The intensity of the color in the IgG and/or IgM test line region(s) will vary depending on the concentration of SARS-COV-2 antibodies in the specimen. Therefore, any shade of color in the IgG and/or IgM test line region(s) should be considered positive.*

NEGATIVE: One colored line should be in the control line region (C). No line appears in IgG and IgM test line region(s).

INVALID: Control line fails to appear. Insufficient buffer volume or incorrect procedural techniques are the most likely reasons for control line failure. Review the procedure and repeat the procedure with a new test cassette. If the problem persists, discontinue using the test kit immediately and contact your local distributor.

Sensitivity: 91.49%
Specificity: 96.63%
Total accuracy: 95.29%

The rapid test has been assessed as meeting the Essential Requirements and relevant provisions of EC directive 97/79/EC[1] for in vitro diagnostic medical devices. The manufacturer has established and is maintaining a quality management system which meets the requirements of ISO 13485 and ISO 900.

Pending approval with FDA under emergency use authorization (EUA).

Delivery Timeline: 2-3 weeks including international shipping & customs clearance
Order Quantities: No minimum currently
Samples available upon request

Volume (Units)	Cost/Unit
1	$10.50

[1] The CE certificate is written certification document issued by an authorized certification body of the European Union to prove that the products produced by the manufacture comply with the relevant European standards and CE certification regulations. CE certification is not only a threshold for entering the EU market, but also effective guarantee for products to avoid risks.

VictoGen

PCR Detection Kit

SARS-CoV-2 RT-qPCR Detection Kit is a real-time reverse transcription-polymerase chain reaction (RT-qPCR) test intended for the presumptive qualitative detection of nucleic acid from the SARS-CoV-2 in upper and lower respiratory specimens (such as nasopharyngeal or oropharyngeal swabs) collected from individuals who meet CDC criteria for SARS-CoV-2 testing.

The test consists of three processes in a single PCR tube:

- Reverse transcription of target RNA and internal control RNA to cDNA
- PCR amplification of target cDNA and Internal Control cDNA
- Detection of PCR amplicons using fluorescence-labelled probes

The SARS-CoV-2 RT-qPCR Detection Kit includes all reagents needed for RT-PCR, 2 sets of primers and probes designed to detect the SARS-CoV-2 RNA in respiratory specimens and one set of primers and probes designed to detect the RNA from virus- like particles (VLPs) of bacteriophage MS2. The MS2 RNA serves as an internal control for RNA extraction, reverse transcription and PCR amplification.

The test covers 100 % of the known SAR-CoV-2sequences based on NCBI and GISAID database as of February 20, 2020. No cross-reaction was observed with other pathogens commonly found in respiratory Specimens. The test demonstrated 99.3% sensitivity and 100% specificity in clinical trial. Analytical performance characteristics and data such as limit of detection In Silico analysis of Primer and Probe sequencing, and specificity / exclusivity test, available upon request.

The nCoV qRT-PCR Detection Kit has been assessed as meeting the Essential Requirements and relevant provisions of EC directive 97/79/EC[1] for in vitro diagnostic medical devices. The detection kit is China FDA approved and under US FDA review.

Storage:
Store the SARS-CoV-2 RT-qPCR Detection Kit at -15°C to -25°C
Enzyme Mix Reagent must be defrosted and kept on a cold block at all times during preparation and use.

Delivery Timeline: 2-3 weeks including international shipping & customs clearance
Order Quantities: No minimum currently
Samples available upon request

Volume (Units)	Cost/Unit
50,000	$ 48.60
100,000	$ 32.40
200,000	$ 20.40
1,000,000	$ 19.44