



COVID-19 IgG/IgM Rapid Test Kit

Coronavirus Detection Kit. COVID-19 "Coronavirus" IgG/IgM Rapid Test Kit Cassette, Priced Per Test Min. Purchase of 100 Tests (For Professional Use Only)

The test is conducted by taking a small finger-prick blood sample, placing it in the center well of the cassette and then adding two drops of the buffer to the buffer well labeled "B." Results should appear in 3 minutes and are invalid after 10 minutes.

NOTE: THESE TESTS ARE FOR MEDICAL PROFESSIONAL USE ONLY

COVID-19 IgG/IgM Rapid Test Kit Highlights:

- Buy a coronavirus testing kit, offers a longer shelf life of up to 24 months from the date of purchase of manufacturers.
- IgG/IgM corona test kit ensures the 100% accurate results within a few minutes.
- The small sample size is adequate to pass or fail the COVID-19 Rapid test.
- The minimum of the 100 test purchasing is mandatory to enjoy the cost-effectiveness of a coronavirus detection kit.

Safety Instructions

Keep the Rapid COVID-19 testing kit away from the children. If not use the rapid test kits for Coronavirus, keep it in the sealed pouch. Do not use the equipment after the expiration date. Try to store at the room temperature of 2-30°C.

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Warning

- The corona test cassette is equipped for the professionals and forensic use only.
- Do not turn on the air-conditioner, electric fans during the test.
- Wear disposable gloves, laboratory clothes, and eye protection glasses.
- Do not use the broken and damaged pouches.

In the Box

Each rapid test kits for Coronavirus comes with 100 sealed pouches including a dropper, a test cassette, one buffer, and one package insert.

Not Included in the COVID-19 IgG/IgM Rapid Test

The IgG/IgM Corona test kit does not contain any lancets (for fingerstick whole blood use), sample collecting containers, Centrifuge (for plasma), Dispensing bulb (for fingerstick whole blood only) and Heparinized capillary tubes. All these essentials are required to make a successful coronavirus detection test.

Principle of COVID-19 Rapid Test

The 2019 Novel “Coronavirus” COVID-19 Rapid Test Cassette (Serum/Plasma/Whole Blood) or lateral flow device (LFD) uses the test line IgG (anti-human IgG), test line IgM (anti-human IgM antibody), control line C (goat anti-rabbit IgG) immobilized on a strip of nitrocellulose. The burgundy color or dark reddish-purple conjugating comprises gold colloidal conjugated with rabbit IgG-conjugates and colloid gold (2019-nCOV conjugates). When added to a sample well with an assay buffer, the Rapid COVID-19 testing kit checks the presence of IgM/IgG antibodies. If both the IgG and IgM are found in the specimen, the 2019-nCOV will attach the immune-response forming proteins to the conjugates. The capillary action helps the process travel through the nitrocellulose membrane. When this process or complex crosses the line of the corresponding immobilized anti-human IgG/IgM antibodies, it starts forming the burgundy colour line to ensure the reactive test result. The

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absence of the colored band in the COVID-19 coronavirus instant testing kit suggests that the results are non-sensitive.

COVID-19 IgG/IgM Rapid Test Usage Guidelines

- ✓ Collect Specimen with Micropipette (Using Plasma, Serum, and Venous Whole Blood)
- ✓ Buy a Coronavirus testing kit for the collection of 10ul of human venous whole blood, plasma, and serum using a micropipette or any other small tools for laboratory use.
- ✓ Collect Specimen with Micropipette (Using Capillary Whole Blood) The manufacturers of coronavirus test kits do not provide capillary tubes for COVID-19 rapid test. Buy the copper/capillary tubes separately to collect the 10ul of whole blood.
- ✓ Add collected specimen in COVID-19 IgG/IgM Rapid Test kit (for Plasma, Serum, and Venous Whole Blood) Hold the COVID-19 Rapid Test cassette carefully to add the collected plasma, whole blood, or serum in the device.
- ✓ Add collected specimen in COVID-19 IgG/IgM Rapid Test kit (for Capillary Whole Blood) The collected capillary whole blood is needed to be added in the COVID-19 rapid testing kit.
- ✓ Put the drops in buffer well (Using Plasma, Serum, and Venous Whole Blood) The Corona test kit buffer well is used to place the 90ul or three drops of buffer into the vertical position.
- ✓ Use buffer well to put the drops (Using Capillary Whole Blood) Add the three drops or 90ul of whole capillary blood vertically into the buffer well of the coronavirus detection kit.
- ✓ Wait for Reading (Process for Same both Capillary whole Blood, Plasma, Serum) The Rapid COVID-19 testing Kit produces the results within 2-5 minutes. Make sure to check on time; otherwise, after 10-15 minutes it will show the fake reading.

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