SANED CORP

The Immuno-fluorescence Chromatography Machine

Rapid Detection of Coronavirus at the workplace

Combating Coronavirus with technology

We have partnered amidst the uncertainty of COVID-19 with the aim of assisting all businesses and organisations to combat the virus using the latest technology.

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Throughout the pandemic, it has been made clear by the WHO, that mass testing is essential to combat the virus. Thanks to a collective sacrifice, we have begun to beat back the disease.

In line with the UK government's plan to rebuild the economy and with the staggered measures being taken to re-open businesses across all industries, regular and accurate on-site testing forms a critical part of returning to work with confidence.

As we ask our employees to return to work, it's critical that businesses excel in their health and safety obligations surrounding safe workspaces.

We offer full supply and training testing solutions with a network of over 100 trained clinicians that can offer testing as a service to your organisation.

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Accurate workplace testing gives organisations unequivocal certainty if any employees are carrying the virus back into the workplace.

With the risk to health, it is imperative that testing is:

- **fast**
- **readily available**
- **highly accurate**
- **cost effective**

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We consult with you before testing begins

1. We consult with your teams.

We are partnered with a major health group who have over 40 years experience of setting health policy for the NHS and international Governments. They will lead all medical training and onsite testing and be on hand to guide you through the entire process.

2. We help you develop your COVID testing policy.

Before any testing takes place, we will discuss your COVID testing policy and help you to develop one that is robust and thorough.

We will go through the various constraints of workplace testing and guide you through how we can help to manage it the process in line with your health and safety policies.

3. We brief your teams on how testing works.

Our Occupational Health Specialists will take your teams through the testing procedure and help you to allocate a testing area which can either be internal or externally based. If necessary, our team will plan and provide external equipment as part of our service.

4. We begin with everything covered.

We will start testing which includes sanitisation, disposal of hazardous waste, training for your occupational teams (if required) and a full reporting service.

If you have occupational health departments, we can offer full training on the use of the machine and assist with policy and procedural training so that as an organisation, you are fully equipped to handle testing
going forward independently.

If you have occupational health departments, we can also offer full training on the use of the machine and can assist with policy and procedural training so that as an organisation, you are fully equipped to handle testing going forward independently.

Testing for your employees involves:

1. Setting up a dedicated testing area.
2. Employees are guided through the 8 min procedure and any questions are answered by our friendly staff.
3. A blood sample is collected via finger prick which is relatively painless.
4. The blood sample is then prepared onto a test cartridge.
5. The test cartridge is inserted into the machine and results are displayed on screen within 10 seconds.
6. The employee is given the results immediately with a full explanation and guidance on what, if anything, they need to do next.

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The Immuno-Fluorescence Chromatography Machine

Approved for sale in Europe by MHRA

CE Certified

Easy to operate in a few simple steps

Tests antigen (IgM) active virus and antibody (IgG)

Up to 99% Accurate

Test Results in 8 minutes

Full nationwide training and support available from over 100 trained clinicians. **Prices from £18/test**

Intended Use:

Immuno-fluorescence chromatography is a proven blood serum method for Coronavirus detection. The methodology is machine based, cost effective and gives results immediately. It is highly commended by Italian, German and Spanish governments who have been using this method with exceptionally accurate results.

Using the immuno-chromatography detection method, the technique identifies any antigen (IgM) and antibodies (IgG) in the body, thus accurately identifying whether an individual has or has had Coronavirus in the past.

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The Kit Components

Kit includes:
1 x Testing Machine; Capillarity Tubes, User ID Card, Test Cards, Reagents and instruction leaflet.

Machine Dimensions:
30cm x 21.5cm x 15cm

Shipping Box Dimensions:
29cm x 24.2cm x 39cm

Storage and stability:
The test card is valid for 15 months at 2 °C to 30 °C . Transport and storage should be carried out at 2 °C to 30 °C.

Built-in printer supports automatic printing of test reports

Small and lightweight with touchscreen operation

Built-in printing: RS232, USB, LAN and other interfaces can be connected to LIS

Cards ejected automatically upon completion

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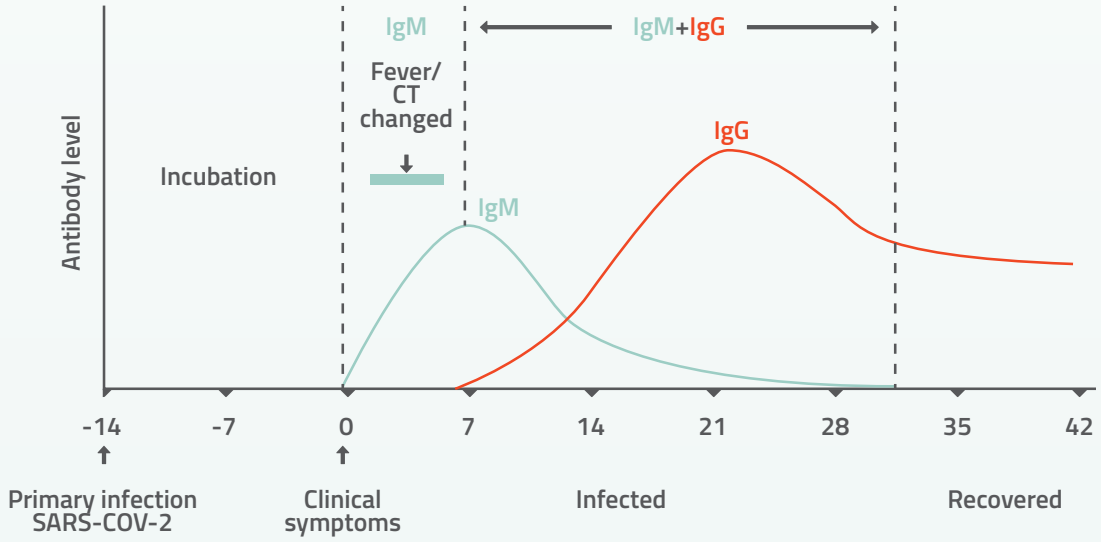
The Significance of the COVID-19 Testing Kit

Test principle

The patient produces the corresponding IgM/IgG antibodies after they have been infected with COVID-19 and has passed the incubation period.

The IgM/IgG antibodies in patients' blood samples can be specifically detected by fluorescently labelled antigens which are used to determine if they are infected with the virus.



1	Rapid screening	SARS-CoV-2 virus causes new coronavirus-infected pneumonia (NCP), rapid detection is essential in the course of epidemic outbreak and preventing repeat outbreaks. It's therefore critical to isolate patients in time to block transmission of infection.
2	IgG & IgM	When the SARS-CoV-2 virus infects the human body, the body produces specific antibodies against the virus, so the presence of antibodies can indicate whether the patient is infected or has been infected. The IgM antibody appears early and disappears quickly. The IgG antibody appears late and disappears slowly.
3	Detection Significance	By testing the positive status of IgM and IgG in the patient's blood sample, it is helpful to determine at what stage of the viral infection, if any, the patient is in. If the results are negative, the patient is not in the early, middle, or late stages of the virus infection

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Technical Interpretation of Data

The machine test results are interpreted as follows:

IgM> 1.3 is positive (+), and IgM ≤ 1.3 is negative (-).
IgG> 1.2 is positive (+), IgG ≤ 1.2 is negative (-).

1. If the result is IgM (+) & IgG (+), it suggests that an acute infection is suspected.

   Repeat the test about 1 week later. If the result is IgM (-) & IgG (+) or IgM (+) & IgG (+), and the IgG titter continues to increase by more than 4 times its original values, it can be judged as acute or recent infection.

2. If the result is IgM (+) & IgG (-), it suggests that an acute infection is suspected.

   Repeat the test about 1 week later:

   1. If the result is IgM (+) & IgG (-), follow-up testing is to be continued.

   2. If the result is IgM (+) & IgG (+), it can be judged as an acute infection.

3. If the result is IgM (-) & IgG (+), it suggests that here has been a previous infection. Continue observing the IgG titter. If the titter increases by more than 4 times the original values, it is an acute or recent infection.

4. If the result is IgM (-) & IgG (-), it can be judged as negative.

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Precautions and warnings

1. This product is for in vitro diagnostic only.
2. This reagent's biosafety complies with European regulations, but it is still handled as a potentially dangerous substance.
3. The reagent contains chemical ingredients. Avoid accidental ingestion or contact with the skin and mucous membranes. If the reagent makes contact with the eyes, rinse immediately with plenty of water and consult a doctor if necessary.
4. Samples and waste liquids generated after testing shall be treated as infectious agents. All used packaging materials shall be treated in accordance with relevant waste disposal regulations.
5. Never insert a test card whose surface is wet with other liquids into the detector as the instrument may become contaminated or damaged.
6. See the packaging label for the production date and expiration date of tests.

For any questions or a free initial consultation please contact us on:

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