

Meril

Diagnostics



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OF VIROLOGY

Anti-SARS CoV-2 Human IgG ELISA

COVID KAVACH – MERILISA

Enzyme immunoassay for the detection of Covid-19 (SARS CoV-2) IgG antibodies in Human Serum/Plasma

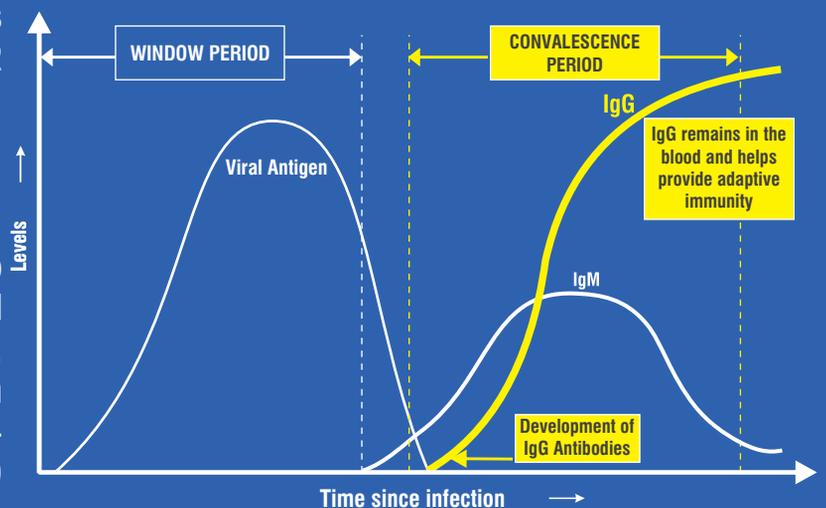


Intended use

ICMR-NIV Anti-SARS CoV-2 Human IgG ELISA COVID KAVACH – MERILISA is intended for qualitative detection of IgG antibodies in serum/plasma of patients presenting clinical signs and symptoms consistent with SARS CoV-2 infection

Why IgG

IgG antibodies generally start appearing after two weeks of onset of infection and lasts for several months in the human body after patient recovery. Thus we can detect episode of SARS CoV-2 infection in the past in patient sample with the help of ICMR-NIV Anti-SARS CoV-2 Human IgG ELISA COVID KAVACH – MERILISA



*Disclaimer: this graph is for illustrative purpose only

COVID KAVACH – MERILISA

Enzyme immunoassay for the detection of Covid-19 (SARS CoV-2)
IgG antibodies in Human Serum/Plasma



Principles

- Based on indirect enzyme immunoassay for the qualitative detection of IgG Antibodies against SARS CoV 2

Highlights

- Excellent accuracy due to high sensitivity and specificity
- Best suited for the determination of previous infection or indicative of adaptive immunity
- Compatible for SEROLOGICAL SURVEILLANCE STUDIES

Ease of operation

- Certified protocol by ICMR
- Sample volume: 100 μ l (1:100 dilution)*
- Total assay time: 130 minutes
- User friendly protocol
- Ready to use controls
- Break apart wells

*5 μ l sample + 495 sample diluent

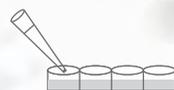
Accuracy

- Specificity: 100%
- Sensitivity: 93.3%

Procedure



Wash the wells with 350 μ l of wash buffer 3 times and dry the plate



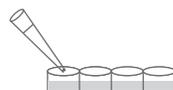
Add 100 μ l of negative control/positive control/samples (1:100) to respective wells



Cover the plate and incubate at +37°C for 60 minutes



Wash the wells with 350 μ l of wash buffer 5 times



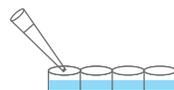
Add 100 μ l of conjugate solution to each well



Cover the plate and incubate for 60 minutes at +37°C



Wash the wells with 350 μ l of wash buffer 5 times



Add 100 μ l of substrate to each well



Cover the plate and incubate for 10 minutes at RT



Add 100 μ l of stop solution to each well



Read on plate reader at 450 nm

Code

CKMELI-01

Description

ICMR-NIV Anti-SARS CoV-2 Human IgG ELISA
COVID KAVACH – MERILISA

Pack Size

96 T



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