

OPTI SARS-CoV-2 Total Antibody Test Kit

The OPTI SARS-CoV-2 Total Antibody Test is an ELISA (enzyme-linked immunosorbent assay) which detects total antibodies for SARS-CoV-2, the virus that causes COVID-19. The test detects IgM, IgG and IgA antibodies.



Testing for total antibodies allows you to:

- Determine past infection
- Conduct seroprevalence studies on a population level
- Provide insight into viral epidemiology

A complete serology-based testing solution

- Reduces waiting time with results in 90 minutes
- Limits the need for validation due to an extensive validation data report
- Relies on technical support from a market leader in ELISA testing
- Detects total antibodies for broad sensitivity
- Makes lab set-up easy when ELISA readers and washers are utilized for a complete testing solution

OPTI SARS-CoV-2 Total Antibody Test

Kit contents

- SARS-CoV-2 antigen coated plates
- Negative control
- Positive control
- Receptor binding domain conjugate
- Substrate solution
- Stop solution
- 10X wash solution

Diagnostic Sensitivity

Samples tested at ≥ 15 days

Post symptom onset: (154 samples) 96.1%

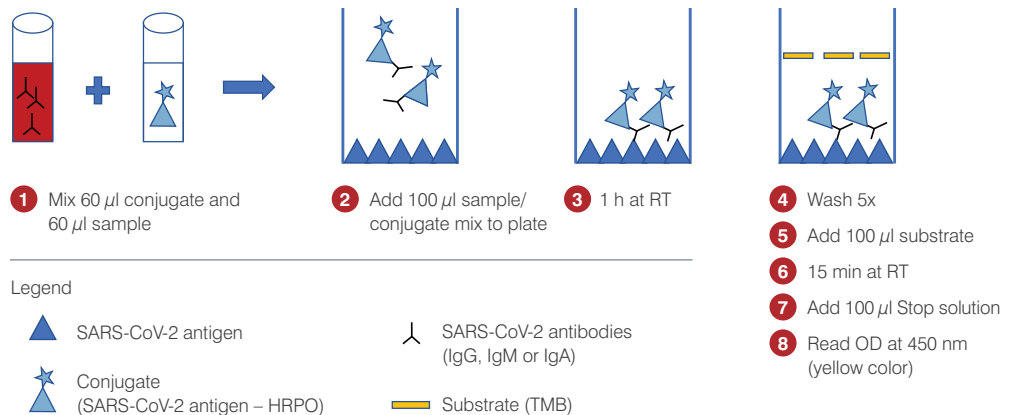
Post PCR positive: (190 samples) 96.8%

Diagnostic Specificity

(405 samples tested) 98.0%

Protocol

The OPTI SARS-CoV-2 Total Antibody Test uses a sandwich ELISA format. Absorbance is read at 450 nm.



To learn more about OPTI products, contact your area manager or distributor

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ELISA Washers and Readers

ELISA washers and readers from BioTek paired with the OPTI SARS-CoV-2 Total Antibody Test* deliver reliable results you can trust

405™ LS Automatic Whole Plate Washer

- Superior performance and reliability for ELISA washing protocols
- A simple user interface that includes wash, dispense, aspirate and maintenance protocols within the extensive onboard software
- Customizable for any assay and plate



800™ TS Microtiter Plate Reader

- High quality, high performance at an affordable price
- Color touchscreen for quick, easy programming and operation
- Optional temperature control to 50 °C
- Fast kinetics, plus endpoint and linear well scanning

The OPTI SARS-CoV-2 Total Antibody Test can also be run manually, or using other types of ELISA washers and readers.

Product Code	Product Name
99-41609	OPTI SARS-CoV-2 Total Antibody Test Kit – 5 x 96-plates
98-09676-02	405™ LS Automatic Whole Plate Washer
98-0010263-01	800™ TS Microtiter Plate Reader

For more information contact
your area manager or distributor
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* The OPTI SARS-CoV-2 Total Antibody Test has not been reviewed by the FDA. Negative results do not preclude acute SARS-CoV-2 infection. If acute infection is suspected, directed testing for SARS-CoV-2 is necessary. Results from antibody testing should not be used to diagnose or exclude acute SARS-CoV-2 infection. Positive results may be due to past or present infection with non-SARS-CoV-2 coronavirus strains, such as coronavirus HKU1, NL63, OC43, or 229E.

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