

COVID 19 Coronavirus Assay Kit | COVID-19 assay kit

Colorimetric Covid-19/SARS-CoV-2 virus neutralization assay

CATALOG #
AAA59622

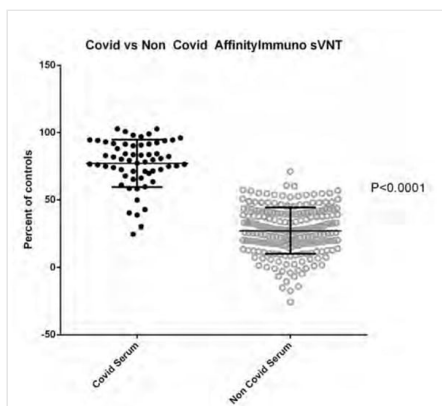
PRODUCT SYNONYMS

COVID 19 Coronavirus; Colorimetric Covid-19/SARS-CoV-2 virus neutralization assay; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; COVID-19 assay kit

PRODUCT SPECIFICATIONS

Intra-assay Precision	Intra-assay coefficient of variation (CV) < 10%.
Inter-assay Precision	Inter-assay CV < 10%.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store kit components at -20 degree C unless specified otherwise. Extra charge fee may add to your shipping cost as dry ice is required to ship this product.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COVID-19 assay kit

Background: The emergence of the COVID-19 pandemic resulting from the spread of the SARS-CoV-2 virus has ignited a massive global research effort for development of COVID-19 vaccines, therapeutics, and test tests for viral infections and antibody responses. These time-critical efforts have also put into focus the need for novel approaches to analyzing the antibody response in both the human population exposed to the wild virus and in vaccine studies. In addition to population monitoring and vaccine studies, virus neutralization testing may be used in library screens to identify monoclonal antibodies, peptides, and small molecules, that may block infection or lower the infection rate of SARS-CoV-2 virus. SARS-CoV-2 surrogate Virus Neutralizing Test (sVNT) allows rapid quantification of serum or plasma COVID-19 neutralizing antibodies by measuring blocking of the interaction between spike protein and its receptor ACE2. This assay allows analysis of antibody-based therapeutics, vaccine leads, and immune response to the virus in the human population in as little as 1.5 hours making it the most rapid screen for virus neutralizing antibodies.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

