

# VivoGenie SARS-CoV-2 Spike NTD [2146] Low Endotoxin Antibody

IVMB0225

## Description

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This VivoGenie SARS-CoV-2 Spike NTD [2146] Low Endotoxin Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	IVMB0225
<b>Contents:</b>	100ug, 500ug Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	COV2-2146, SARS-CoV2 Spike NTD, COVID-19, 2019-nCoV, Severe Acute Respiratory Syndrome CoronaVirus 2, SARS-CoV2
<b>Category:</b>	Recombinant Monoclonal Antibody
<b>Target:</b>	SARS-CoV-2 Spike NTD
<b>Clone:</b>	2146
<b>Isotype:</b>	Human IgG1
<b>Applications:</b>	<b>ELISA</b> <b>IHC</b>
<b>Specificity:</b>	Anti-SARS-CoV-2 Spike NTD, clone 2146, specifically targets an epitope on the SARS-CoV-2 spike protein N-terminal domain.

## Antibody Data

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<b>Reactivity:</b>	SARS-CoV-2, Virus
<b>Host species:</b>	-
<b>Expression Host:</b>	HEK-293 Cells
<b>Immunogen:</b>	Sequenced from Human survivors of COVID-19 (SARS-CoV-2)

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

<b>Product concentration:</b>	≥1.0 mg/ml
<b>Endotoxin Level:</b>	-
<b>Purity:</b>	≥90% Monomer by analytical SEC and SDS-Page
<b>Formulation:</b>	This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

## Preparation & Storage

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<b>Storage:</b>	This antibody may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
<b>Shipping:</b>	Ships Overnight on Blue Ice
<b>Preparation:</b>	Recombinant antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
<b>Recommended Dilution Buffer:</b>	-
<b>Recommended Usage:</b>	-
<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol