



## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** B88139R **Lot #:** 5D11920

**Description:** Rabbit anti SARS Spike N-Term.  
Rabbit Antibody to SARS (Severe Acute Respiratory Syndrome) Spike Protein, N-Terminal

**Specificity:** Reacts with the N-terminal of the spike protein of SARS-associated coronavirus. The spike protein is a glycosylated 139kDa protein and the major surface antigen of the virus.

**Host Animal:** Rabbit

**Immunogen:** Synthetic peptide corresponding to amino acids at the N-terminus of the SARS Spike glycoprotein (Genbank accession no. P59594).

**Format:** Affinity Purified, Liquid

**Purification:** Immunoaffinity Chromatography

**Concentration:** 1 mg/mL

**Buffer:** Phosphate Buffered Saline

**Preservative:** 0.02% Sodium Azide

**Applications:** Suitable for use in ELISA. It will detect 10 ng of free peptide at 1 µg/mL. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store (up to three months) at 2–8°C. Store (up to one year) at -20°C.

**Safety Notes (s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

**References:** The references listed below are for research purposes only:

1. Marra, MA., et al., (2003), "The Genome sequence of the SARS-associated corona virus", Science, **300**, 1399-1404.
2. Rota, P.A., et al., (2003), "Characterization of a novel coronavirus associated with severe acute respiratory syndrome", Science, **300**, 1394-1399.
3. Navas-Martin, S.R., et al., (2004), Coronavirus replication and pathogenesis: Implications for the recent outbreak of severe acute respiratory syndrome (SARS), and the challenge for vaccine development", J. Neurovirol., **10**, 75-85.
4. Li, W., et al., (2003) "Angiotensin-converting enzyme 2 is a functional receptor for the SARS coronavirus", Nature, **426**, 450-454.

*Bianca Gale*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**