9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

12-9026: Anti-SARS-CoV-2 Nucleocapsid antibody(DM36), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM36
Application :	ELISA
Alternative Name :	SARS-CoV-2 Nucleocapsid
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant SARS-CoV-2 Nucleocapsid (Met1-Ala419) produced by using E. coli

Description

Coronavirus contain most of nucleocapsid protein. Coronavirus nucleoproteins (N proteins) localize to the cytoplasm and the nucleolus, a subnuclear structure, in both virus-infected primary cells and in cells transfected with plasmids that express N protein. The nucleolus is the site of ribosome biogenesis and sequesters cell cycle regulatory complexes. Two of the major components of the nucleolus are fibrillarin and nucleolin. These proteins are involved in nucleolar assembly and ribosome biogenesis and act as chaperones for the import of proteins into the nucleolus. Regarding of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is a tool for diagnostic.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS,pH 7.4; 0.1% BSA Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

Recommended Dilutions ELISA 1/5000-10000

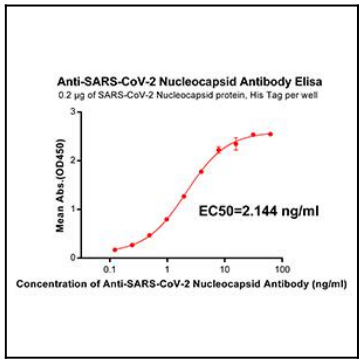


Figure 1. Elisa plate pre-coated by 2 µg/ml(100µl/well) SARS-CoV-2 Nucleocapsid protein, His Tag can bind Rabbit Anti-SARS-CoV-2 Nucleocapsid monoclonal antibody(clone:DM36) in a linear range of 0.12-15.63 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.