



Recombinant HCoV-229E N Protein [His] (DAGC095)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	coronavirus
Purity	>95%
Conjugate	His
Applications	ELISA, IgG/IgM detection
Format	Liquid
Size	100 µg
Buffer	10 mM Phosphate Buffered Saline, pH 7.2 with 3M Urea
Preservative	None
Storage	Short Term (≤ 1 week): 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	Coronaviruses are a diverse group of single-stranded plus-sense RNA viruses belonging to the Coronaviridae family and Nidovirales order. They infect a wide range of mammalian and avian species, including bats, and can jump into new species and be transmitted zoonotically as shown by severe acute respiratory syndrome coronavirus (SARS-CoV) and Middle East respiratory syndrome coronavirus (MERS-CoV). Coronaviruses contain an envelope, for membrane fusion with host cell membranes and this is a critical step in the replication cycle allowing for delivery of genomic RNA into the cytoplasm, for replication. This pathway is therefore an attractive target for therapeutic interventions.
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Keywords

Coronavirus; CoV; CoV NP 229E; Coronavirus 229E; CoV 229E
