

SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA Kit

Cat. No. GTX535824

Applications	ELISA, Sandwich ELISA	References (4) Package 96 test
Reactivity	SARS Coronavirus 2	

PRODUCT

The GeneTex SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA kit is an in vitro assay tool for the quantitative measurement of SARS-CoV-2 nucleocapsid protein. This assay employs a pair of monoclonal antibodies specific for SARS-CoV-2 nucleocapsid protein, with the lowest detectable dose concentration of standard protein being 18 pg/ml.

Applications

Application Note

The suitable sample types include cell culture supernatant, plasma and serum. The suggested sample loading amount is 50μ l per well. Please see the protocol for detailed procedure.

Assay range: 24-25000 pg/ml

Product Note This ELISA kit specifically detects virus SARS-CoV-2 nucleocapsid protein, with sensitivity being 18 pg/ml.

Properties		
Preservative	0.05% ProClin 300	
Storage	The entire kit can be stored at 2-8°C for up to 6 months.	
Conjugation	Horseradish peroxidase(HRP)	
Note	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	

DATA IMAGES



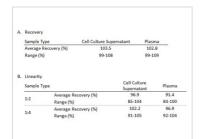
GTX535824 Image



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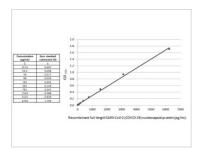




GTX535824 ELISA Image

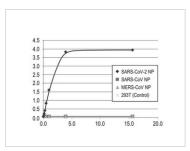
A. Recovery assay was determined by spiking SARS-CoV-2 N protein at various levels throughout the assay range in the listed samples.

B. To determine linearity, the listed samples were spiked with SARS-CoV-2 N protein and diluted with Assay Diluent in 1:2 and 1:4. The value was assessed by comparing it to undiluted samples.



GTX535824 ELISA Image

ELISA analysis of full-length SARS-CoV-2 (COVID-19) nucleocapsid protein using GTX535824 SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA Kit.



GTX535824 ELISA Image

ELISA assay using lysates of 293T cells overexpressing the nucleocapsid proteins (NP) from SARS-CoV-2, SARS-CoV, or MERS-CoV. The SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA Kit (GTX535824) specifically detects only SARS-CoV-2 NP.



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