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SARS-CoV-2 (COVID-19) Nucleocapsid Monoclonal Antibody [N008]

Cat. No.: 10-542

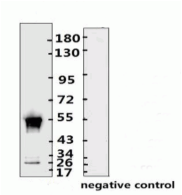
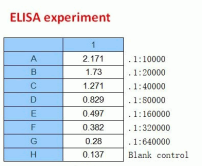


Figure 1 Western Blot Validation with Recombinant Protein
Loading: 1µg of SARS-CoV-2 (COVID-19) nucleocapsid recombinant protein, 10-007, per lane. Antibodies: SARS-CoV-2 (COVID-19) Nucleocapsid Monoclonal Antibody, 10-542, 1:2000. Sec



	1	
A	2.171	.1:10000
B	1.73	.1:20000
C	1.271	.1:40000
D	0.829	.1:80000
E	0.497	.1:160000
F	0.382	.1:320000
G	0.28	.1:640000
H	0.137	Blank control

Figure 2 ELISA Test
Coating original concentration: 2 µg/mL, 100 µL/well sample is SARS-CoV-2 (COVID-19) Nucleocapsid Recombinant Protein, 10-007.
Antibodies: SARS-CoV-2 (COVID-19) Nucleocapsid Monoclonal Antibody, 10-542.
Secondary: Goat anti-human IgG HRP conjugate at 1:10000 dilution.
Develop: 15min, 100 µL/well.
Stop: Stop buffer 50 µL/well.

Specifications

HOST SPECIES:	Human
SPECIES REACTIVITY:	Virus
IMMUNOGEN:	Nucleocapsid recombinant protein
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: 1:40000; WB: 1:2000~3000

Properties

PURIFICATION:	Greater than 95% as determined by reducing SDS-PAGE.
CLONALITY:	Monoclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.02% sodium azide, 10% glycerol, pH7.2
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	Store at 4˚C short term. Aliquot and store at -20˚C long term. Avoid freeze-thaw cycles.

Additional Info

OFFICIAL SYMBOL:	N
ALTERNATE NAMES:	SARS-CoV-2 (COVID-19, 2019-nCoV) Nucleocapsid Antibody: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), Nucleocapsid Phosphoprotein, Nucleocapsid protein
ACCESSION NO.:	QHD43423.2
GENE ID:	43740575
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	Fully humanized monoclonal antibody paired with human monoclonal antibody LOCUS:QHD43423 419aa linear VRL 18-MAR-2020 DEFINITION:nucleocapsid phosphoprotein [Severe acute respiratory syndrome coronavirus 2]. ACCESSION:QHD43423 VERSION:QHD43423.2 DBSOURCE:accession MN908947.3 SOURCE:Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) ORGANISM:Viruses; Riboviria; Nidovirales; Cornidovirineae; Coronaviridae;Orthocoronavirinae; Betacoronavirus; Sarbecovirus.