



SARS-CoV-2 N ELISA Kit

Product Code	CSB-EL33251
Abbreviation	SARS-CoV-2 N
Target Name	Novel Coronavirus Nucleoprotein (SARS-CoV-2 N)
Uniprot No.	P0DTC9
Alias	2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleoprotein
Product Type	ELISA Kit
Sample Types	serum, plasma, swabs
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Infectious Diseases
Tag Info	quantitative
Protein Description	Sandwich

Product Precision

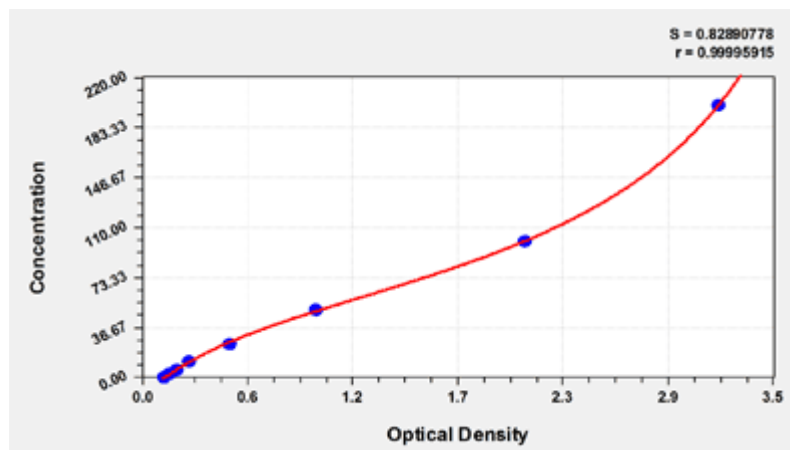
Intra-assay Precision (Precision within an assay): CV%<8%
Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%
Three samples of known concentration were tested in twenty assays to assess.

?	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	25.39	24.46	26.31	26.65	26.31	24.19
SD	0.027	0.025	0.031	0.041	0.035	0.037
CV(%)	5.7	5.46	6.33	8.26	7.13	8.01

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
200	3.228	3.104	3.166	3.032
100	2.045	2.169	2.107	1.973
50	1.001	0.931	0.966	0.832
25	0.469	0.507	0.488	0.354
12.5	0.268	0.276	0.272	0.138
6.25	0.196	0.204	0.200	0.066
3.12	0.168	0.161	0.165	0.031
0	0.136	0.132	0.134	?

Msd

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