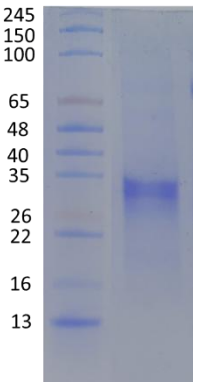
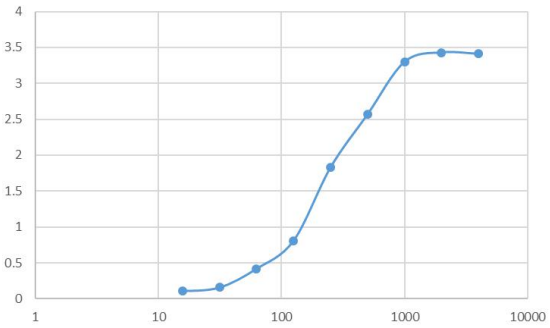
2019-nCov Nucleocapsid protein N3 fragment (C-ter domain)

E42020T7

Cat. No	Format	Size
E42020T7	Liquid	100 ug

Overview

Host	2019-nCov
Expression	E.coli
MW	28 kDa
Concentration	1.0 mg/mL (may vary lot by lot; pls check the tag attached at the tube for more info)
Purity	>95% by SDS-page
Purification	Ni column
Storage buffer	20mM Tris, 300mM NaCl, PH8.5
Specificity	No non-specific binding to normal human serum was identified so far.
Tips	According to previous study on SARS CoV, SARS NP C-ter domain can react with all SARS positive serum. We therefore designed 2019-nCoV NP C-ter domain for the good of a better IVD product. We believe the 2019-nCoV NP C-ter domain is more stable than the full-length NP since it lacks the autolysis sites. This property may make the 2019-nCoV NP C-ter domain more suitable to the IVD applications.
Storage Conditions	2-8 °C. Avoiding freeze/thaw cycles.

Examples

ELISA plate was coated by N protein (CAT# E42020T7), 100 μL/cell, at various concentrations. The direct ELISA analysis was performed by loading 100 μL per well of a anti C-ter His tag HRP conjugated mAb at a concentration of 1:2000. The plate was incubated for 1 hours at 37℃, then washed 5 time. Detection was performed using TMB substrate for 10 minutes at room temperature in the dark. The plate was stopped with 2M sulfuric acid. Absorbances were read on a spectrophotometer at 450 nm.