Recombinant 2019-nCoV Nucleocapsid Protein

货号: RB91EPT266

gui_ge

500ug

biao_da_su_zhu

E.coli

biao_qian

NA

fen_zi_liang

49.4kDa

biao_guan_fen_zi_liang

50-60kDa, reducing conditions

xing_tai

Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 300 mM NaCl, 10 % glycerol, 1mM EDTA, pH 8.0

chun_du

Greater than 95% as determined by reducing SDS-PAGE.

huo_xing

Immobilized 2019-nCoV Nucleocapsid Protein-His(Cat#DRA31)at 2 μg/ml (100 μl/well) can bind 2019-nCoV NP Antibody (6G9)(Cat#DA027). The ED50 of 2019-nCoV NP Antibody (6G9)(Cat#DA027) is 5-30 ng/ml.

chu_cun_fang_fa

Reconstituted protein solution should be stored at ≤ -20° C.

yun_shu_tiao_jian

The product is shipped on dry ice pack.Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

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