

S1-RBD Protein

Catalog: NCP0089

Host: E.coli

Reactivity: COVID-19

BackGround:

E. coli Expression vector of coronavirus surface glycoprotein S1-RBD with N terminal 6xHis tag

Product:

PBS,pH7.4

SIZE:100ug/1mg

Molecular Weight:

~ 30 kDa

Swiss-Prot:

QHD43416.1

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

SDS-PAGE

ELISA

Storage&Stability:

The product at -20°C for up to 24 months.

Specificity:

Full length protein

DATA:

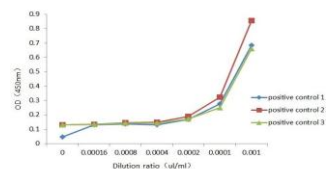
Colloidal gold particles were labeled with RBD antigen and tested with

Negative samples (physical examination serum)



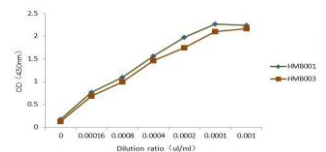
Physical examination serum test results

ELISA experiment positive control



1.Coating original concentration: 2ug/ml,100ul/whole sample is S1-RBD protein (NCP0089)
2.Primary antibody: positive control 1; positive control 2; positive control 3
3.Second antibody: BS10903 Goat anti-Human IgG +HRP 1:10000
4.Develop :15min 100ul/whole
5.Stop:stop buffer 50ul/whole
6.ELISA result are shown in the figure

ELISA experiment S-ECD/RBD monoclonal antibody



1.Coating original concentration: 2ug/ml,100ul/whole sample is S1-RBD protein (NCP0089)
2.Primary antibody: HMB001 S-ECD/RBD monoclonal antibody (1)
HMB003 S-ECD/RBD monoclonal antibody (3)
3.Second antibody: BS10903 Goat anti-Human IgG +HRP 1:10000
4.Develop :15min 100ul/whole
5.Stop:stop buffer 50ul/whole
6.ELISA result are shown in the figure

Note:

For research use only, not for use in diagnostic procedure.

Colloidal gold particles were labeled with RBD antigen and tested with **positive samples (serum of confirmed COVID-19 patients).**



Positive clinical specimen test results

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