



## N-RBD Protein

Catalog: NCP0088

Host: E.coli

Reactivity: COVID-19

## BackGround:

E.coli Expression vector of Coronavirus coronavirus  
N-RBD fusion protein with C terminal 6xHis tag

## Product:

PBS, pH7.4

SIZE: 100ug/1mg

## Molecular Weight:

~ 80 kDa

## Swiss-Prot:

QHD43416.1/QHD43423.2

## Purification&amp;Purity:

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

## Applications:

SDS-PAGE

ELISA

## Storage&amp;Stability:

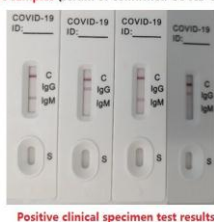
The product at -20°C for up to 24 months.

## Specificity:

Full length protein

## DATA:

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



Positive clinical specimen test results

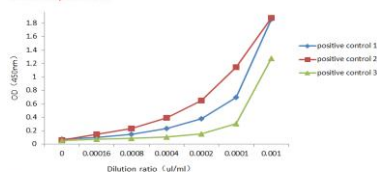
Colloidal gold particles were labeled with N-RBD antigen and tested with

Negative samples (physical examination serum)



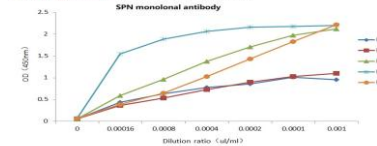
Physical examination serum test results

ELISA experiment positive control



1. Coating original concentration: 2ug/ml, 100ul/hole sample is N-RBD Protein (NCP0088)  
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/hole  
5. Stop/stop buffer: 50ul/hole  
6. ELISA result are shown in the figure

ELISA experiment S-ECD/RBD monoclonal antibody



1. Coating original concentrations: 2ug/ml, 100ul/hole sample is N-RBD Protein (NCP0088)  
2. Primary antibody: HMN001 S-ECD/RBD monoclonal antibody (1)  
HMN003 S-ECD/RBD monoclonal antibody (3)  
HMN005 SPN monoclonal antibody (5)  
HMN007 SPN monoclonal antibody (7)  
HMN008 SPN monoclonal antibody (8)  
3. Second antibody: BS10903 Goat anti-Human IgG +HRP 1:10000  
4. Develop: 15min 100ul/hole  
5. Stop/stop buffer: 50ul/hole  
6. ELISA result are shown in the figure

## Note:

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

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