

## SARS-CoV-2 (2019-nCoV) Spike S1 Antibody Titer Assay Kit (Mouse)

货号：BD-PD266086

类别：ELISA检测试剂盒

规格：96T

详情：**Intended Use**

The kit applies for detecting the level of anti-SARS-CoV-2 (2019-nCoV) Spike RBD antibodies in mouse serum.

**Principle of the assay**

The principle of the kit is indirect ELISA. SARS-CoV-2 (2019-nCoV) Spike RBD-His Recombinant Protein has been pre-coated onto well plate strips. The samples or control antibody are added to the well, after incubation the wells are washed and a horseradish peroxidase conjugated Rabbit anti-Mouse IgG is added, producing an complex "antigen-antibody-labeled antibody". Following a wash, the TMB substrate solution is loaded and color develops in proportion to the amount of antibodies. The reaction is stopped by the addition of a stop solution and the intensity of the color can be measured at 450 nm.

**Materials Provided**

|  |                  |
|--|------------------|
| Components   | 1 Kit (96 Tests) |
| Microplate: Pre-coated with SARS-CoV-2 (2019-nCoV) Spike RBD-His Recombinant Protein | 1 Plate          |
| HRP-Rabbit anti-Mouse IgG  | 120 $\mu$ L      |
| Anti-SARS-CoV-2 (2019-nCoV) Spike Antibody (Control)                                 | 20 $\mu$ L       |
| 20 $\times$ Dilution Buffer  | 5 mL             |
| 20 $\times$ Wash Buffer  | 25 mL            |
| Color Reagent A  | 12.5 mL          |
| Color Reagent B  | 12.5 mL          |
| Stop Solution  | 8 mL             |

储存条件：Unopened Kit: Store at 2 - 8°C and the kit is stable for 3 months upon receipt.



Opened/Reconstituted Reagents: Please refer to CoA

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