

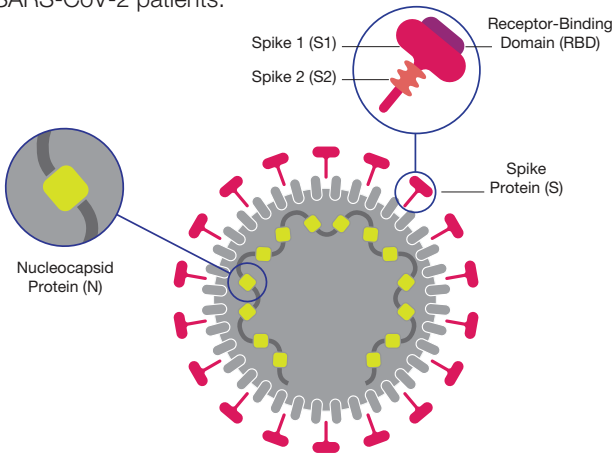


## BioPlex 2200 SARS-CoV-2 IgG Panel

**Multiplex immunoassay to screen and differentiate IgG antibodies to four SARS-CoV-2 structural proteins**

### The Power of Multiplex

By using multiplex technology, the BioPlex 2200 SARS-CoV-2 IgG Panel is able to screen and differentiate IgG antibodies to the receptor-binding domain (RBD), spike 1 (S1), spike 2 (S2), and nucleocapsid protein (N) of the SARS-CoV-2 virus. The panel provides individual results that are used together to optimize the sensitivity and specificity of the assay in SARS-CoV-2 patients.



Clinical Sensitivity

**96.3%**

When tested in 246 patients at  $\geq 15$  days post symptom onset

Clinical Specificity

**99.8%**

When tested in 1,015 healthy subjects and 542 blood bank donors

### Semi-Quantitative Results

The BioPlex 2200 SARS-CoV-2 IgG Panel calibrates each antibody target separately for a semi-quantitative result for each of the 4 viral epitopes.

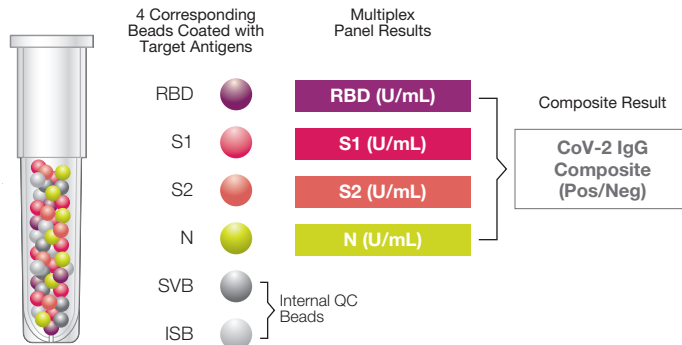
**BIO-RAD**

# The BioPlex 2200 SARS-CoV-2 IgG Panel

## Multiplex Immunoassay: 4 Beads Detect 4 Target Antibodies

- Detects IgG antibodies to SARS-CoV-2 in human serum or plasma
- Ability to screen and differentiate IgG antibodies to four SARS-CoV-2 structural proteins: receptor-binding domain (RBD), spike 1 (S1), spike 2 (S2), and nucleocapsid protein (N)
- Provides a composite total result and semi-quantitative results of each antibody target for longitudinal analysis

## Analyte beads are optimized and calibrated individually



## Optimized Laboratory Workflow

### Confidence in Results – includes 2 internal QC beads

- Serum Verification Bead (SVB) confirms presence of serum or plasma
- Internal Standard Bead (ISB) standardizes detector performance

### Laboratory Efficiency

- Fully automated, random access multiplex instrument
- 100 samples/hour (up to 500 SARS-CoV-2 results/hour)
- 45 minutes to first result
- TLA connectivity

## Ordering Information

Catalog No.	Description	
12014192	BioPlex 2200 SARS-CoV-2 IgG Reagent Pack, 200 tests .....	1 pack
12014193	BioPlex 2200 SARS-CoV-2 IgG Calibrator Set .....	1 set
12014195	BioPlex 2200 SARS-CoV-2 IgG Control.....	2 sets

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