

# Essential Products for COVID-19 Manufacturing Applications

## Immunoassay Development

| Product   | Description  | Pack Size      | Cat. No.             |
|---|--|----------------|----------------------|
| <b>Recombinant Protein - Antigen</b>                        |  |                |                      |
| Anti-coronavirus (SARS-CoV-2) spike S2, mouse, mAb          |  | 250 µg         | 08720402             |
| Anti-coronavirus (SARS-CoV-2) spike S2 (B), mouse, mAb      | Monoclonal antibodies from mouse with high affinity to the SARS-CoV-2 spike proteins   | 250 µg         | 08720412             |
| Anti-coronavirus (SARS-CoV-2) spike S1, mouse, mAb          |  | 250 µg         | 08720302             |
| <b>Monoclonal Antibodies</b>                                |  |                |                      |
| SARS-CoV-2 Nucleocapsid Protein, His tag ( <i>E. coli</i> ) | A DNA sequence encoding the SARS-CoV-2 Nucleocapsid protein is expressed with a poly-histidine tag at the N- and C-terminus. | 1 mg           | 08720502             |
| ACE2, His tag ( <i>E. coli</i> )                            | A DNA sequence encoding the human ACE2 (Met1-Ser740) is expressed with a polyhistidine tag at the N- and C-terminus.         | 250 µg<br>1 mg | 08720602<br>08720602 |

## Reagents for Immunoassay Development

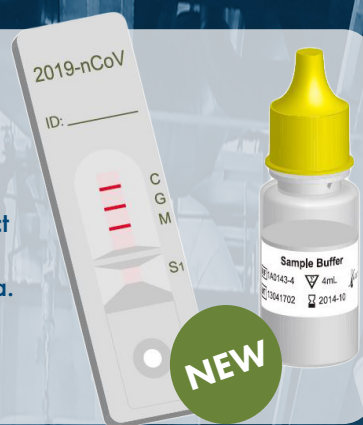
| Product   | Description  | Pack Size        | CAS        | Cat. No.                 |
|---|--|------------------|------------|--------------------------|
| Dexamethasone   |  | 100 mg<br>500 mg | 50-02-2    | 0219004080<br>0219004090 |
| Dexamethasone, water soluble, cyclodextrin encapsulated | A glucocorticoid anti-inflammatory agent. It regulates T cell survival, growth, and differentiation. | 100 mg           | 50-02-2    | 02199350.1               |
| Peroxidase  | Amplify a weak signal and increase detectability of a target molecule, such as a protein             | 5 KU<br>10 KU    | 9003-99-0  | 0219537305<br>0219537310 |
| 2,2 -Azino-Bis-(3-Ethyl-Benzthiazoline-6-Sulfonic Acid) | Safe-sensitive stabilized liquid substrate for horseradish peroxidase (HRP) based ELISA              | 1 L              | 30931-67-0 | 04821810                 |
| Albumine Bovine FrV Protease Free                       | A single polypeptide chain consisting of about 583 amino acid residues and no carbohydrates          | 100 g            | 9048-46-8  | 08820451                 |

## NOW AVAILABLE

### Rapid 2019-nCoV IgG/IgM Combo Test

A qualitative immunochromatographic serology test to detect and differentiate IgG/IgM to SARS-CoV-2 in 10 minutes! Antibodies can be detected in whole blood, serum or plasma. Just 2 µL needed.

Cat. No.: 07RDCOV19



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## High-Throughput Viral Lysis

| Product                | Description   | Pack Size                            | Cat. No.               |
|------------------------|---|--------------------------------------|------------------------|
| FastPrep-96 Instrument | High-throughput bead beating grinder and lysis system   | 1                                    | 116010500              |
| Big Flex               | Tube holder for 96 tubes of 2 ml  | 1                                    | 116010570              |
| Lysing Matrix A        | 2mL tubes containing garnet and one 1/4 inch ceramic bead designed to grind any resistant sample and lyse viruses | 100 x 2 mL tubes<br>500 x 2 mL tubes | 116910100<br>116910500 |
| Lysing Matrix B        | 2ml tubes containing 0.1 mm silica beads designed to lyse viral particles in suspension                           | 100 x 2 mL tubes<br>500 x 2 mL tubes | 116911100<br>116911500 |

## Viral RNA Extraction Components

| Product                         | Pack Size | CAS        | Cat. No.   |
|---------------------------------|-----------|------------|------------|
| Ammonium Acetate                | 100 g     | 631-61-8   | 0219384880 |
|                                 | 500 g     |            | 0219384890 |
| Diethyl Pyrocarbonate           | 5 mL      | 1609-47-8  | 0215090205 |
|                                 | 25 mL     |            | 0215090225 |
| Guanidine Hydrochloride         | 100 g     | 50-01-1    | 0210569680 |
|                                 | 1 kg      |            | 0210569691 |
| N-Lauroylsarcosine, Sodium Salt | 100 g     | 137-16-6   | 0219400980 |
| Proteinase K                    | 100 mg    | 39450-01-6 | 0219398180 |
| Sodium Dodecyl Sulfate          | 100 g     | 151-21-3   | 0210291880 |
|                                 | 1 kg      |            | 0210291891 |
| Urea Ultra Pure                 | 10 kg     | 57-13-6    | 04821530   |

## Essential Components for Viral transport Media

| Product                        | Pack Size | Cat. No.   |
|--------------------------------|-----------|------------|
| Amphotericin B                 | 1 g       | 0219504391 |
|                                | 5 g       | 0219504394 |
|                                | 20mL      | 091672346  |
| Fetal Bovine Serum (FBS)       | 500 mL    | 092910154  |
| MEM with Earle's Salts         | 500 mL    | 091641454  |
| Hanks's Balanced Salt solution | 500 mL    | 091810254  |
| Acetate Plate Sealer, 96-well  | 100/box   | 097740005  |



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