

# Essential Products for COVID-19 Research Applications

## Immunoassay Development

Product	Description	Pack Size	Cat. No.
<b>Recombinant Protein - Antigen</b>			
Anti-coronavirus (SARS-CoV-2) spike S2, mouse, mAb		50 µg 250 µg	08720401 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	50 µg 250 µg	08720411 08720412
Anti-coronavirus (SARS-CoV-2) spike S1, mouse, mAb		50 µg 250 µg	08720301 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 polyhistidine tag at the N- and C-terminus.	250 µg 1 mg	08720501 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 1 mg	08720602 08720602
<b>Reagents for Immunoassay Development</b>			
Peroxidase	Amplify a weak signal and increase detectability of a target molecule, such as a protein	5 KU 10 KU	0219537305 0219537310
2,2'-Azino-Bis-(3-Ethyl-Benzthiazoline-6-Sulfonic Acid)	Safe-sensitive stabilized liquid substrate for horseradish peroxidase (HRP) based ELISA assays	1 L	04821810
Albumine Bovine FrV Protease Free	A single polypeptide chain consisting of about 583 amino acid residues and no carbohydrates	100 g	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



## High-Throughput Viral Lysis

Product	Description	Pack Size	Cat. No.
FastPrep 24-5G Instrument	Middle-throughput bead beating grinder and lysis system	1	116005500
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
Cool Prep	Tube holder for 24 x 2ml tube/lysis in cryogenic conditions	1	116002528
Lysing Matrix A	2mL tubes containing garnet and one 1/4 inch ceramic bead designed to grind any resistant sample and lyse viruses	50 x 2 mL tubes	116910050
		100 x 2 mL tubes	116910100
		500 x 2 mL tubes	116910500
Lysing Matrix B	2ml tubes containing 0.1mm silica beads designed to lyse viral particles in suspension	50 x 2 mL tubes	116911050
		100 x 2 mL tubes	116911100
		500 x 2 mL tubes	116911500

## Viral RNA Extraction Instruments and Kits

Product	Pack	Cat. No.
MPure 12: Automated Sample Preparation System	1	117002200
MPure Viral Nucleic Acid Extraction Kit	48 samples	117022300
MPure Viral/Pathogen Nucleic Acids Extraction Kit B	48 samples	117022130

## Essential Components for Viral transport Media

Product	Pack Size	Cat. No.
Amphotericin B	1 g	0219504391
	5 g	0219504394
Fetal Bovine Serum (FBS)	500 mL	092910154
CELLect fetal bovine serum, gold, heat inactivated	500 mL	092916854
Hanks's Balanced Salt solution	500 mL	091810254
Acetate Plate Sealer, 96-well	100/box	097740005

## Viral RNA reverse-transcription and amplification

Product	Pack Size	Cat. No.
cDNA Synthesis & Go Kit	50 reactions	11EBI00005
qPCR & Go Probe No-ROX kit	500 reactions	11EBI06050
	2000 reactions	11EBI06200

## Reagents for DNA & RNA Decontamination

Product	Pack Size	Cat. No.
DNA-Off DNA Removal Agent	500 mL	11QD0500
RNase Erase® decontamination solution spray bottle	250 mL	04821682

## Viral RNA Extraction Components

Product	Pack Size	Cat. No.
Diethyl Pyrocarbonate	5 mL	0215090205
	25 mL	0215090225
Proteinase K	10 mg	0219398110
	100 mg	0219398180
Sodium Dodecyl Sulfate	100 g	0210291880
	1 kg	0210291891



MP Bio EMEA

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