

Certificate of Analysis for NR-53790

Monoclonal Anti-SARS Coronavirus/SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Chimeric Antibody (produced *in vitro*)

Catalog No. NR-53790

Sino Biological Catalog No. 40150-D003

Product Description:

Antibody Class: IgG1κ

Clone: D003

Chimeric monoclonal antibody prepared against the severe acute respiratory syndrome coronavirus (SARS-CoV) spike (S) glycoprotein receptor binding domain (RBD) was produced using recombinant antibody technology. NR-53790 is specific to the SARS-CoV spike RBD protein and shows cross reactivity in ELISA with the SARS-CoV spike S1 protein, the SARS-CoV-2 spike RBD protein and the SARS-CoV-2 spike S1 protein, with no cross reactivity with the spike S1 proteins from MERS-CoV, HCoV-HKU1 (isolates N1 and N5), HCoV-NL63, HCoV-229E or the HCoV-OC43 spike S1 + S2 ectodomain (ECD) protein.

Lot: MA14JU0501

Manufacturing Date: 05JUN2020

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	1.1 mg per mL
Functional Activity ELISA	Report results	Reactive ¹
Sterility	0.2 µm filter-sterilized	0.2 µm filter-sterilized

¹Using a 1:5000-1:10000 dilution of NR-53790

/Heather Couch/

Heather Couch

24 AUG 2021

Program Manager or designee, ATCC Federal Solutions

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