

Lomtegovimab Biosimilar - Research Grade

Product Code: ICH5654

More Information

Species Reactivity: Human

Target: Severe acute respiratory syndrome coronavirus 2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Lomtegovimab Biosimilar - Research Grade

Sequence: <https://www.imgt.org/mAb-DB/>

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Neutralizing antibodies against the SARS-CoV-2 surface antigen remain essential tools for infectious-disease and antiviral countermeasure research. Built as an unconjugated, non-therapeutic analog of lomtegovimab, this human IgG1 (kappa) recombinant antibody binds the SARS-CoV-2 antigen and is offered for research use only (RUO). The preparation carries a low endotoxin burden suitable for in vivo work and is generated at scalable milligram-to-gram volumes, supporting laboratories with sustained or high-throughput demand. It functions as a dependable reference and active reagent in viral neutralization assays, in vitro binding screens, and preclinical in vivo challenge models exploring protection and immune mechanisms.

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.



Purity: >90% by SDS-PAGE

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

Applications: Functional Assays

Application Notes: This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Delivery Time: 3-4 weeks