

Lafuvitug Biosimilar - Research Grade

Product Code: ICH5621

More Information

Species Reactivity: Human

Target: HIV-1 gp120

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Lafuvitug Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: The HIV-1 envelope is the principal antigen guiding research into viral neutralization and protective antibody responses. This reagent is an unconjugated, non-therapeutic analog of lafuvitug, a recombinant human IgG1, kappa monoclonal recognizing the human virus and supplied for research use only (RUO). Manufactured to a low-endotoxin standard appropriate for in vivo studies, it is produced in milligram to gram quantities to keep high-throughput and bulk laboratories consistently supplied. Investigators apply it in neutralization and binding assays, in vitro screening, and preclinical infection models exploring HIV biology and antibody function, where it provides a dependable comparator throughout functional and biologics research.

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