

# Lampalizumab Biosimilar - Research Grade

**Product Code:** ICH5622

**More Information**

**Species Reactivity:** Human

**Target:** CFD $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** Fab - G1 - kappa

**Host:** CHO Cells

**product name H2:** Lampalizumab Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** P00746

**Shipping Conditions:** Blue ice

**background:** Complement factor D (CFD) is the rate-limiting protease of the alternative complement pathway and a focus of research in inflammatory and ocular disease. This research-grade reagent is an unconjugated, non-therapeutic analog of lampalizumab, supplied as a human Fab fragment of IgG1, kappa origin against the human protein and intended for research use only (RUO). It is formulated with low endotoxin for in vivo suitability and produced at milligram-to-gram scale to meet the needs of bulk and high-throughput laboratories. Applications include enzyme-inhibition and binding assays, complement-pathway studies, in vitro screening, and preclinical inflammation models for functional characterization.

**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:**  $\leq 1.0$  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