

Olokizumab ELISA Kit

SKU: GXEL00079 | Assay: Quantitative ELISA (Colorimetric)

The Olokizumab ELISA Kit (SKU: GXEL00079) is a high-sensitivity quantitative ELISA for the quantitative measurement of Olokizumab in Plasma, Serum. The assay covers a detection range of 0.31-5 µg/mL with a sensitivity of 0.156 µg/ml and is read colorimetrically at 450 nm.

Background: Olokizumab (CDP6038), a humanized monoclonal antibody (mAb) specific for the interleukin-6 (IL-6) cytokine, is currently in development for the treatment of rheumatoid arthritis (RA). It targets the IL-6 cytokine rather than the receptor, and selectively blocks the final assembly of the signalling complex. In Phase I (healthy volunteers) and IIa (patients with RA on MTX) clinical trials, olokizumab was well tolerated after intravenous and subcutaneous delivery with a median plasma half-life of approximately 31 days, 76% bioavailability and no apparent antidrug antibody-mediated clearance. Olokizumab also markedly reduced free IL-6 levels and suppressed C-reactive protein (CRP) up to 12 weeks after single-dose subcutaneous administration in patients with RA.

Specifications

Product Name	Olokizumab ELISA Kit
SKU	GXEL00079
Accession	P05231
Alternative Names	CDP 6038, 1007223-17-7
Assay Type	Quantitative
Detection Method	Colorimetric
Sensitivity	0.156 µg/ml
Detection Range	0.31-5 µg/mL
Recovery	80-120%
Sample Types	Plasma, Serum
Storage	2-8°C. See Storage & Stability.
Note	For Research Use Only. Not for diagnostic procedures.

Storage & Stability

The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition. Store at 2-8°C on receipt; avoid repeated freeze-thaw cycles.

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