

Gevokizumab ELISA Kit

SKU: GXEL00049 | Assay: Quantitative ELISA (Colorimetric)

The Gevokizumab ELISA Kit (SKU: GXEL00049) is a high-sensitivity quantitative ELISA for the quantitative measurement of Gevokizumab 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: Gevokizumab (XOMA-052) was developed by XOMA Ltd., USA and represents a humanized IgG2kappa antibody. XOMA-052 binds to IL-1β with high affinity leading to reduced binding affinity of the cytokine to its signaling receptor. Since gevokizumab does not influence the affinity of IL-1β for its decoy and soluble inhibitory receptors the endogenous regulatory mechanisms involving the clearance and inhibitory receptors also contribute to the effect of the antibody [6]. In August 2012 the FDA granted orphan drug status to gevokizumab for the treatment of noninfectious intermediate uveitis, posterior uveitis, panuveitis, and chronic noninfectious anterior uveitis. A single intravenous injection of the substance was also shown to lead to complete resolution of intraocular inflammation in Behçet's uveitis.

Specifications

Product Name	Gevokizumab ELISA Kit
SKU	GXEL00049
Accession	P01584
Alternative Names	XOMA 052, 1129435-60-4
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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