

Andecaliximab ELISA Kit

SKU: GXEL00127 | Assay: Quantitative ELISA (Colorimetric)

The Andecaliximab ELISA Kit (SKU: GXEL00127) is a high-sensitivity quantitative ELISA for the quantitative measurement of Andecaliximab 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: Andecaliximab (formerly GS-5745; Gilead Sciences, Inc.), a recombinant chimeric IgG4 monoclonal antibody (mAb), was engineered to remove T-cell epitopes to reduce immunogenicity risk. Andecaliximab selectively binds and inhibits matrix metalloproteinase-9 (MMP9) with minimal cross-reactivity to other matrix metalloproteinases, including the highly homologous matrix metalloproteinase-2 (MMP-2). Andecaliximab is under development for the treatment of cystic fibrosis, gastric cancer, pancreatic cancer, non-small cell lung cancer (NSCLC), rheumatoid arthritis (RA), Crohn's disease (CD), and ulcerative colitis (UC). In a recent phase 1 dose-escalation study in patients with UC, andecaliximab had good tolerability and was associated with a numerically greater percentage of clinical, endoscopic, and histological responses in patients relative to placebo over a 5-week treatment period. A phase 2/3 trial, evaluating the safety and efficacy of andecaliximab to induce and maintain clinical remission in patients with moderate to severe UC, was initiated. A planned interim futility analysis following an 8-week induction period in the first 150 patients resulted in the termination of the study due to lack of efficacy.

Specifications

Product Name	Andecaliximab ELISA Kit
SKU	GXEL00127
Accession	P14780
Alternative Names	GS-5745, 1518996-49-0
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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