

Emibetuzumab ELISA Kit

SKU: GXEL00092 | Assay: Quantitative ELISA (Colorimetric)

The Emibetuzumab ELISA Kit (SKU: GXEL00092) is a high-sensitivity quantitative ELISA for the quantitative measurement of Emibetuzumab 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: Emibetuzumab (as known as LY2875358) is a humanized immunoglobulin G4 monoclonal bivalent anti-MET antibody that blocks MET signaling. This drug was developed by Eli Lilly & Company and has been used in trials studying the treatment of Advanced Cancer, Renal Cell Carcinoma, Hepatocellular Cancer, Gastric Adenocarcinoma, and Non-Small Cell Lung Cancer, among others. In preclinical models, emibetuzumab inhibited growth of tumors that are dependent on MET, including tumors that exhibit HGF-dependent and HGF-independent biology. Administration of a single dose of emibetuzumab resulted in continuous reduction of MET protein expression for 14 days in mouse xenografts. Emibetuzumab demonstrated dose-dependent, single-agent activity in various MET-expressing tumor models, and additive effects were observed in combination with erlotinib for reducing tumor volume in lung cancer mouse xenograft models. In Phase 1 dose escalation studies, emibetuzumab monotherapy was well tolerated in patients with advanced solid tumors, including gastric cancer, with no dose-limiting toxicities.

Specifications

Product Name	Emibetuzumab ELISA Kit
SKU	GXEL00092
Accession	P08581
Alternative Names	LA480, LY-2875358, 1365287-97-3
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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