

Amatuximab ELISA Kit

SKU: GXEL00206 | Assay: Quantitative ELISA (Colorimetric)

The Amatuximab ELISA Kit (SKU: GXEL00206) is a high-sensitivity quantitative ELISA for the quantitative measurement of Amatuximab 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: Amatuximab, alternative names: MORAb-009, anti-MSLN monoclonal antibody (MAb) is a chimeric, humanized IgG1/k MAb that targets the cell surface Mesothelin (MSLN). The precursor of MORAb-009 was isolated by Chowdhury et al in 1998 56 from a mouse splenic mRNA and was then optimized by fusing the gene encoding MSLN Fv (SS1 scFv) with human IgG1 and kappa regions. It was first designed to treat patients with mesothelin-positive cancers (pancreatic, ovarian, mesothelioma and lung). Amatuximab is not yet commercially available, and the highest development phase is Phase II. In addition, on 16 January 2014, orphan designation (EU/3/13/1222) was granted by the European Commission to Eisai Europe Limited, United Kingdom, for amatuximab for the treatment of malignant mesothelioma.

Specifications

Product Name	Amatuximab ELISA Kit
SKU	GXEL00206
Accession	Q13421
Alternative Names	MORAb-009, 931402-35-6
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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