

Drozitumab ELISA Kit

SKU: GXEL00010 | Assay: Quantitative ELISA (Colorimetric)

The Drozitumab ELISA Kit (SKU: GXEL00010) is a high-sensitivity quantitative ELISA for the quantitative measurement of Drozitumab 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: Drozitumab is a human monoclonal antibody directed against tumor necrosis factor receptor superfamily member 10B (TNFRSF10B), a member of tumor necrosis factor related apoptosis-inducing ligand (TRAIL). It was developed by Genentech as a drug for the treatment of cancers. This drug has been investigating in various trials for treating cancers including chondrosarcoma, colorectal cancer, non-Hodgkin lymphoma, and non-small cell lung cancer. The efficacy and selectivity of drozitumab in rhabdomyosarcoma (RMS) has been evaluated in preclinical models. And results showed that drozitumab is effective, in vitro, against the majority of RMS cell lines that express caspase-8 and, in vivo, may provide long-term control of RMS. In preclinical glioblastoma models, drozitumab has been found to induce apoptosis and colony formation in several glioblastoma cell lines combined with BV6 (combination index<0.1). A study about triple-negative breast cancer reported that drozitumab could induce apoptosis in mesenchymal TNBC cell lines but not in cell lines from other breast cancer subtypes. The previous study about the treatment of pancreatic ductal adenocarcinoma has revealed that drozitumab could selectively eliminate CSCs, resulting in tumor growth inhibition and even regression of pancreatic tumors.

Specifications

Product Name	Drozitumab ELISA Kit
SKU	GXEL00010
Accession	O14763
Alternative Names	PRO95780, anti-DR5, rhuMAb DR5, 912628-39-8
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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