

Tarextumab ELISA Kit

SKU: GXEL00263 | Assay: Quantitative ELISA (Colorimetric)

The Tarextumab ELISA Kit (SKU: GXEL00263) is a high-sensitivity quantitative ELISA for the quantitative measurement of Tarextumab 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: Tarextumab, is a fully human mAb that inhibits ligand-dependent signaling through both Notch2 and Notch3. Tarextumab was tested in a range of xenograft models and found to be active in breast, ovarian, lung, and pancreatic tumors. Administration of tarextumab delayed tumor recurrence after chemotherapeutic treatment and reduced tumor-initiating cell frequency, particularly in combination with chemotherapy. Mechanism of action studies indicated that tarextumab blocked Notch signaling in both tumor and stromal cells and induced differentiation of tumor cells. In the stromal cells, tarextumab inhibited gene expression required for the function of pericytes, vascular support cells essential for tumor angiogenesis.

Specifications

Product Name	Tarextumab ELISA Kit
SKU	GXEL00263
Alternative Names	OMP-59R5, 1359940-55-8
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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