

Talacotuzumab ELISA Kit

SKU: GXEL00166 | Assay: Quantitative ELISA (Colorimetric)

The Talacotuzumab ELISA Kit (SKU: GXEL00166) is a high-sensitivity quantitative ELISA for the quantitative measurement of Talacotuzumab 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: Talacotuzumab (TAL, JNJ-56022473) is an IgG1 monoclonal antibody targeting CD123 preferentially via antibody-dependent cellular cytotoxicity (ADCC) mediated by natural killer (NK) cells and has been shown to induce potent in vitro ADCC against IL3RA-expressing AML blasts/LSC and to reduce leukemic cell growth in murine xenograft models of human AML. In addition, the antibody inhibits signaling by IL-3, the main ligand of CD123, to reduce the proliferation of leukemic progenitor cells.

Specifications

Product Name	Talacotuzumab ELISA Kit
SKU	GXEL00166
Accession	P26951
Alternative Names	CSL-362-AML, CSL362, JNJ-56022473, 1826831-79-1
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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