

Ifabotuzumab ELISA Kit

SKU: GXEL00172 | Assay: Quantitative ELISA (Colorimetric)

The Ifabotuzumab ELISA Kit (SKU: GXEL00172) is a high-sensitivity quantitative ELISA for the quantitative measurement of Ifabotuzumab 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: Ifabotuzumab (formerly KB004) is a first-in-class therapeutic non-fucosylated IgG1 (human f-allotype) monoclonal antibody being developed by Humanigen (formerly KaloBios Pharmaceuticals) for the treatment of cancer. The drug was licensed from the Ludwig Institute for Cancer Research. The molecule contains a human antibody constant region with V-regions that are 92% identical to human germ-line sequences. Ifabotuzumab targets the ephrin type-A receptor 3 (EphA3) tyrosine kinase. In non-clinical studies, Ifabotuzumab demonstrated potent ex-vivo cell killing of EphA3+ tumor cells obtained from patients with hematologic malignancies.

Specifications

Product Name	Ifabotuzumab ELISA Kit
SKU	GXEL00172
Accession	P29320
Alternative Names	Fibatuzumab, KB-004, , 1234137-51-9
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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