

Lintuzumab ELISA Kit

SKU: GXEL00156 | Assay: Quantitative ELISA (Colorimetric)

The Lintuzumab ELISA Kit (SKU: GXEL00156) is a high-sensitivity quantitative ELISA for the quantitative measurement of Lintuzumab 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: Lintuzumab is a humanized monoclonal antibody, HuM195, that targets the cell surface antigen CD33 that is expressed on the vast majority of acute myeloid leukemia (AML) cells. [225Ac]Ac-lintuzumab clinical trials were discussed in detail in reference. An initial phase I dose-escalation trial demonstrated that for a single infusion of [225Ac]Ac-lintuzumab in patients with relapsed or refractory acute myeloid leukemia, the maximum tolerated dose (MTD) was determined to be 111 kBq/kg with antileukemic activity across all dose levels. No evidence of radiation-induced nephrotoxicity was seen. Peripheral blasts were eliminated in 63% of the patients at doses of >37 kBq/kg. Bone marrow blast reduction was observed in 67% of patients. Subsequently, a multicenter phase I dose-escalation trial was conducted to define MTD, toxicity, and response rate of fractionated-dose [225Ac]Ac-lintuzumab when combined with low-dose cytarabine (LDAC) in older patients with untreated AML who were not candidates for intensive chemotherapy.

Specifications

Product Name	Lintuzumab ELISA Kit
SKU	GXEL00156
Accession	P20138
Alternative Names	225Ac-lintuzumab, HuM195, SGN-33, SMART M195, HuM195, 166089-32-3
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.

Assay Genie Ltd, 25 Windsor Place, Dublin 2, D02 VY42, Ireland | +353 1 563 9720 | www.assaygenie.com | techsupport@assaygenie.com
 Datasheet: <https://store-h68l9z2lnx.mybigcommerce.com/content/Technical%20Manuals/ELISA/GXEL/GXEL00156.pdf> | Version 1.0, 09 July 2026