

Lintuzumab ELISA Kit

Catalogue No.: abx395095

Lintuzumab ELISA Kit is a quantitative ELISA kit for detection of Lintuzumab.

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.

Target: Lintuzumab

Reactivity: Human

Tested Applications: ELISA

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 6 months.

Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.

Test Range: 31.25 ng/ml - 2000 ng/ml

Sensitivity: < 17.7 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Assay Data: Quantitative

Sample Type: Serum and plasma.

CAS Number: 166089-32-3

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

The range and sensitivity is subject to change. Please contact us for the latest product information. For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments.

Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only