

Codrituzumab ELISA Kit

Catalogue No.: abx395123

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

Codrituzumab is a humanized monoclonal antibody targeted at glypican-3 (GPC3), which is a member of the glypican family. This drug is developed by Chugai Pharmaceutical in combination with Roche and has been investigated in the treatment of liver cancer. The specific expression of GPC3 is high in hepatocellular carcinoma (HCC) tissues, which suggests that GPC3 has obvious sensitivity and specificity in the diagnosis of hepatocellular carcinoma, and can be used as a new target for the treatment of hepatocellular carcinoma. Codrituzumab did not show significant inhibition of GPC3 in the phase I trial in combined with sorafenib and the phase II trial placebo-controlled study in patients with advanced liver cancer. Codrituzumab did not show significant inhibition of GPC3 in phase I trials and phase II trials combined with sorafenib in patients with advanced liver cancer. However, the effect of codrituzumab in the treatment of liver cancer is still under study. In 2018, researchers conducted trials such as the distribution of codrituzumab and the impact of overall survival in patients with hepatocellular carcinoma. In the combined analysis of tumor cell surface antigen GPC3 and NK cell surface antigen CD16 in patients with liver cancer, it was found that codrituzumab only had a certain therapeutic effect on patients with high expression level of GPC3 and CD16. These results suggest that GPC3 and CD16 can be used as a composite biomarker to select hepatocellular carcinoma patients for codrituzuma.

Target: Codrituzumab

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: 15.63 ng/ml - 1000 ng/ml

Sensitivity: < 7.82 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Datasheet

Version: 4.0.0

Revision date: 06 Jun 2025



Assay Data: Quantitative

Sample Type: Serum and plasma.

CAS Number: 1365267-33-9

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