

Codrituzumab ELISA Kit

SKU: GXEL00194 | Assay: Quantitative ELISA (Colorimetric)

The Codrituzumab ELISA Kit (SKU: GXEL00194) is a high-sensitivity quantitative ELISA for the quantitative measurement of Codrituzumab 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: 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.

Specifications

Product Name	Codrituzumab ELISA Kit
SKU	GXEL00194
Accession	P51654
Alternative Names	GC33, RG7686, RO5137382, 1365267-33-9
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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