

Edrecolomab ELISA Kit

SKU: GXEL00149 | Assay: Quantitative ELISA (Colorimetric)

The Edrecolomab ELISA Kit (SKU: GXEL00149) is a high-sensitivity quantitative ELISA for the quantitative measurement of Edrecolomab 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: Edrecolomab, also known as MAb17-1A, is a mouse-derived IgG2a monoclonal antibody targeted at the cell-surface glycoprotein EpCAM (17-1A). This drug was developed by Centocor in an attempt to prevent colorectal cancer and adenocarcinoma. Edrecolomab has been investigated in the clinical trials for the treatment of colon cancer. Edrecolomab was licensed as an adjuvant therapy for postoperative colorectal cancer by German authorities with the trade name Panorex in 1995. However, in 2004, researchers applied edrecolomab to the study of postoperative adjuvant therapy in patients with colorectal cancer. The results showed that edrecolomab adjuvant therapy can help Dukes'CCRC patients to restore the lack of immune response in the body, but the randomized trials of clinical efficacy were unsatisfactory. Then in 2005, Edrecolomab was studied in a phase 3 randomized trial of postoperative adjuvant therapy for colorectal cancer. However, the results showed that Edrecolomab did not improve overall survival or disease-free survival in patients with stage II colon cancer treated with postoperative adjuvant therapy. Subsequently, Edrecolomab in combination with fluorouracil (FU) was used to treat colorectal cancer in the III stage. However, the results showed that the addition of ED in the basic treatment of fluorouracil had no significant effect on OS. Edrecolomab also did not prolong patient survival in subsequent randomized trials. Although Edrecolomab has not shown very good results in previous studies of colorectal cancer, it is still a promising monoclonal antibody for the treatment of adenocarcinomas expressing EpCAM.

Specifications

Product Name	Edrecolomab ELISA Kit
SKU	GXEL00149
Accession	P16422
Alternative Names	17-1A, 156586-89-9
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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