

## Enoblituzumab ELISA Kit

SKU: GXEL00231 | Assay: Quantitative ELISA (Colorimetric)

The Enoblituzumab ELISA Kit (SKU: GXEL00231) is a high-sensitivity quantitative ELISA for the quantitative measurement of Enoblituzumab 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:** Enoblituzumab (also referred to as MGA271) is an Fc optimized humanized IgG1 monoclonal antibody that binds to B7-H3 (CD276), a member of the B7 family. This drug was developed by MacroGenics, Inc. that can be potentially used in the treatment of Solid tumors. Enoblituzumab is Fc-engineered with 5 amino acid substitutions to enhance binding to the activating FcγR and decrease binding to the inhibitory FcγR. Pre-clinical studies show that, in human CD16A-bearing transgenic mice, MGA271 exhibited potent antitumor activity in B7-H3-expressing xenograft models of renal cell and bladder carcinoma. To date, approximately 180 patients have received enoblituzumab monotherapy in a phase I study, with good tolerability. To determine the anti-tumor, immunological and biological effects of B7-H3 inhibition in high-risk localized pancreatic cancer, MacroGenics is currently conducting a neoadjuvant and pharmacodynamic phase II study.

### Specifications

<b>Product Name</b>	Enoblituzumab ELISA Kit
<b>SKU</b>	GXEL00231
<b>Accession</b>	Q5ZPR3
<b>Alternative Names</b>	MG-A271, , 1353485-38-7
<b>Assay Type</b>	Quantitative
<b>Detection Method</b>	Colorimetric
<b>Sensitivity</b>	0.156 µg/ml
<b>Detection Range</b>	0.31-5 µg/mL
<b>Recovery</b>	80-120%
<b>Sample Types</b>	Plasma, Serum
<b>Storage</b>	2-8°C. See Storage & Stability.
<b>Note</b>	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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