

Product Information	
Catalog No.	EL10154
Product name	Enoblituzumab ELISA Kit
Applications	ELISA
Accession	Q5ZPR3
Detection method	Colorimetric
Sample type	Plasma, Serum
Assay type	Quantitative
Sensitivity	0.156 ug/ml
Range	0.31-5 ug/mL
Recovery	80-120%
Stability and Storage	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.
Alternative Names	MG-A271, , 1353485-38-7
Shipping	2-8 deg C
Note	For Research Use Only.

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.