

Obiltoxaximab ELISA Kit

SKU: GXEL00120 | Assay: Quantitative ELISA (Colorimetric)

The Obiltoxaximab ELISA Kit (SKU: GXEL00120) is a high-sensitivity quantitative ELISA for the quantitative measurement of Obiltoxaximab 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: Obiltoxaximab (ETI-204, trade name Anthim) is an affinity-enhanced, chimeric IgG1 kappa monoclonal antibody (mAb) developed by Elusys Therapeutics and the US Department of Health and Human Services' Biomedical Advanced Research and Development Authority (BARDA) for the prevention and treatment of inhalational anthrax due to *Bacillus anthracis*. Obiltoxaximab binds the protective antigen (PA) component of *B. anthracis* toxin. It has an approximate molecular weight of 148 kDa. Obiltoxaximab has been designed to neutralize the free protective antigen of *B. anthracis*, thereby inhibiting the lethal effects of anthrax toxins. In March 2016, intravenous obiltoxaximab was approved in the USA for the treatment (in combination with appropriate antibacterial drugs) and prophylaxis of inhalational anthrax.

Specifications

Product Name	Obiltoxaximab ELISA Kit
SKU	GXEL00120
Accession	P13423
Alternative Names	ETI-204, 1351337-07-9
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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