

Glembatumumab ELISA Kit

SKU: GXEL00209 | Assay: Quantitative ELISA (Colorimetric)

The Glembatumumab ELISA Kit (SKU: GXEL00209) is a high-sensitivity quantitative ELISA for the quantitative measurement of Glembatumumab 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: Glembatumumab (CR011) is a fully human IgG2 monoclonal antibody (mAb) that targets cancer cells expressing transmembrane glycoprotein NMB (GPNMB, or osteoactivin). It was designed to link to monomethyl auristatin E (MMAE) via a valine-citrulline enzyme-cleavable linker to act as an antibody-drug conjugate (ADC) termed glembatumumab vedotin (also known as CDX-011 and CR011-vcMMAE) for the treatment of advanced, refractory, or resistant GPNMB-expressing breast cancer. It was originally developed through a partnership between CuraGen and Amgen, using Xenomouse technology licensed from Abgenix and ADC technology licensed from Seattle Genetics. Glembatumumab vedotin was in development through April 2018 by Celldex Therapeutics, who acquired CuraGen in 2009. Development of the ADC was discontinued in April 2018 after missing the primary endpoint of its study and failed to help women with tough-to-treat metastatic triple-negative breast cancers (TNBC) stay both alive and progression-free for longer than Roche Holding AG's Xeloda (capecitabine).

Specifications

Product Name	Glembatumumab ELISA Kit
SKU	GXEL00209
Accession	Q14956
Alternative Names	CDX-011 (DOX), CR011, glembatumumab vedotin (ADC), 1020264-78-1
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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