

Ganitumab ELISA Kit

SKU: GXEL00089 | Assay: Quantitative ELISA (Colorimetric)

The Ganitumab ELISA Kit (SKU: GXEL00089) is a high-sensitivity quantitative ELISA for the quantitative measurement of Ganitumab 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: Ganitumab (AMG-479) is a mAb against IGF-IR which also inhibits binding of both IGF-1 and IGF-2 ligands to IGF-IR. The therapeutic value of AMG-479 was evaluated in several preclinical settings including androgen-dependent prostate cancer, and combined with androgen-deprivation therapy. Ganitumab was found to be most potent against VCaP xenografts when it was used in combination with complete androgen-deprivation therapy. After 4 weeks of treatment, tumor volume was reduced by 72% and growth suppression was maintained over 16 weeks of treatment. These findings suggested that the use of ganitumab in conjunction with androgen-deprivation therapy may be beneficial in the treatment of prostate cancer.

Specifications

Product Name	Ganitumab ELISA Kit
SKU	GXEL00089
Accession	P08069
Alternative Names	AMG 479, 905703-97-1
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.

Assay Genie Ltd, 25 Windsor Place, Dublin 2, D02 VY42, Ireland | +353 1 563 9720 | www.assaygenie.com | techsupport@assaygenie.com
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