Panitumumab ELISA Kit

SKU: **GXEL00024** | Assay: Quantitative ELISA (Colorimetric)

The Panitumumab ELISA Kit (SKU: GXEL00024) is a high-sensitivity quantitative ELISA for the quantitative measurement of Panitumumab 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: Panitumumab, formerly ABX-EGF, is a fully human monoclonal antibody (mAb) specific to the epidermal growth factor receptor (also known as EGF receptor, EGFR, ErbB-1 and HER1 in humans). Panitumumab was originally developed by Abgenix using Abgenix's XenoMouse platform technology, in which engineered mice were utilized to produce human antibodies. This methodology is based on inactivating the mouse immunoglobulin genes that are replaced by a megabase gene containing the human heavy and κ chains. The result is the generation of fully human antibodies that do not contain murine portions of the IgG molecule as chimeric antibodies do. This property avoids the formation of human antimouse antibodies, which may result in more frequent hypersensitivity reactions and shorter half-life.

Specifications

Product Name	Panitumumab ELISA Kit
SKU	GXEL00024
Accession	P00533
Alternative Names	ABX-EGF, E7.6.3, 339177-26-3
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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