

## Panitumumab ELISA Kit

Catalogue No.: abx395012

Panitumumab ELISA Kit is a quantitative ELISA kit for detection of Panitumumab.

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  $\kappa$  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.

**Target:** Panitumumab

**Reactivity:** Human

**Tested Applications:** ELISA

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

**Validity:** The validity for this kit is 6 months.

**Stability:** The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.

**Test Range:** 46.88 ng/ml - 3000 ng/ml

**Sensitivity:** < 36.6 ng/ml

**Standard Form:** Lyophilized

**Detection Method:** Colorimetric

**Assay Type:** Competitive

**Assay Data:** Quantitative

**Sample Type:** Serum and plasma.

**CAS Number:** 339177-26-3

**Note:**

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

The range and sensitivity is subject to change. Please contact us for the latest product information.

For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments.

Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only