Necitumumab ELISA Kit

Catalogue No.:abx395011

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

Necitumumab (IMC-11F8, LY3012211) is a second-generation fully human immunoglobulin (Ig) G1 kappa isotype monoclonal antibody (mAb) that acts as an antagonist to direct against the extracellular region of epidermal growth factor receptor (EGFR). It was developed by Eli Lilly & Co (Indianapolis, IN, USA) and produced in genetically engineered mammalian NS0 cells. It was first approved by the U.S. Food and Drug Administration (FDA) under the brand name Portrazza in 2015, for use in combination with cisplatin and gemcitabine as a first-line treatment for metastatic squamous non-small cell lung cancer (NSCLC). After that, it has gained the approval for marketing in the Europe Union and Japan respectively in 2016 and 2017. It is not indicated for treatment of non-squamous NSCLC. Currently, there are several ongoing clinical trials investigating necitumumab in the treatment of NSCLC in several different settings. It is currently being studied in combination with pre-existing agents, such as osimertinib, pembrolizumab, nabpaclitaxel, and carboplatin, as well as with new agents under investigation, abemaciclib and AZD9291. Necitumumab is currently being evaluated in the second-line setting following treatment failure or progression with front-line EGFR tyrosine kinase inhibitors (TKIs) and platinum-based chemotherapy.

Target:	Necitumumab
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:	9.38 ng/ml - 600 ng/ml
Sensitivity:	< 6.05 ng/ml
Standard Form:	Lyophilized
Detection Method:	Colorimetric
Assay Type:	Competitive
Assay Data:	Quantitative

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Sample Type:	Serum and plasma.
CAS Number:	906805-06-9
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.

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