

Certolizumab ELISA Kit

Catalogue No.: abx395017

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

Certolizumab pegol is a recombinant, humanized F(ab)' fragment of an antibody conjugated to polyethylene glycol to enhance its plasma half-life. It does not contain an FC region and therefore does not cause antibody-dependent cell-mediated or complement-dependent cytotoxicity as described for infliximab, etanercept, and adalimumab. Another difference is that certolizumab pegol preferentially penetrates inflamed tissue compared to noninflamed tissue, and does so to a greater extent than adalimumab or infliximab. It is directed against soluble and membrane-associated human TNF- α and was approved for the treatment of Crohn's disease that does not respond to conventional therapy in 2008 and for RA in 2009.

Target: Certolizumab

Research Area: Biosimilars

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: 468.75 ng/ml - 30000 ng/ml

Sensitivity: < 330 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Assay Data: Quantitative

Sample Type: Serum and plasma.

CAS Number: 428863-50-7

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