

Carlumab ELISA Kit

Catalogue No.: abx395069

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

Carlumab, developed by Janssen Biotech, is a recombinant human IgG1 monoclonal antibody targeting CC chemokine ligand 2 (CCL2). The recombinant protein has been developed for the treatment of cancer and prostate cancer, and has also been studied in systemic sclerosis, atherosclerosis, diabetic nephropathy, liver fibrosis, and type 2 diabetes. In the beginning, phage display technology was used to confirm the high affinity between Carlumab and CCL2, which provided a basis for future clinical trials. In 2013, Carlumab was used to treat metastatic castrated prostate cancer and solid tumors. The anti-tumor activity of Carlumab was preliminarily determined through the study of its safety, tolerance, pharmacokinetics-pharmacodynamics and anti-tumor activity. Subsequently, some studies have evaluated the safety and efficacy of Carlumab in the treatment of (IPF) with idiopathic pulmonary fibrosis, but the results are not satisfactory. Due to the limited success rate of clinical trials, carlumab was discontinued in 2012.

Target: Carlumab

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: 0.31 µg/ml - 5 µg/ml

Sensitivity: 0.16 µg/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Assay Data: Quantitative

Sample Type: Serum and plasma.

Datasheet

Version: 3.0.0

Revision date: 22 Apr 2025



CAS Number: 915404-94-3

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