

Basiliximab ELISA Kit

Catalogue No.: abx395022

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

Basiliximab is a chimeric anti-interleukin-2 receptor monoclonal antibody. Basiliximab is a glycoprotein produced by recombinant technology. It is used to prevent white blood cells from acute renal transplantation rejection. It specifically binds to and blocks the alpha chain of interleukin-2 receptors (IL-2R alpha), also known as CD25 antigen, on the surface of activated T-lymphocytes. Due to its monoclonal nature it provides safer and more predictable therapeutic, that is, immunosuppressive response of the polyclonal antibodies. The most common adverse effects in adult patients are constipation, infections, pain, nausea, peripheral oedema, hypertension, anaemia, headache, hyperkalemia, hypercholesterolemia, increase in serum creatinine, and hypophosphataemia.

Target: Basiliximab

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: 23.4 ng/ml - 1500 ng/ml

Sensitivity: < 13.4 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Assay Data: Quantitative

Sample Type: Serum and plasma.

CAS Number: 179045-86-4

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