

Durvalumab ELISA Kit

Catalogue No.: abx395170

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

Durvalumab (dur val" ue mab) is a human recombinant monoclonal IgG1 kappa-isotype antibody to the ligand for programmed cell death receptor-1 (PD-L1) which leads to enhanced T cell responses against cancer cells and is used in cancer immunotherapy. PD-1 is an important checkpoint molecule that modulates and down regulates T cell responses. Inhibition of the PD-L1 prevents its binding to the programmed cell death receptor 1 which is responsible for down regulating T cell responses. Inhibition of this pathway allows for a continued activation and proliferation of T cells. The subsequent enhancement of cytotoxic reactivity may play a beneficial role in cancer immunotherapy by breaking immunological tolerance to cancer cell neo-antigens. In several large multicenter studies, durvalumab therapy resulted in a prolongation of survival in patients with advanced, metastatic or unresectable urothelial carcinoma, and a proportion of patients had a long term remission.

Target: Durvalumab

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: 46.88 ng/ml - 3000 ng/ml

Sensitivity: < 15.9 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Assay Type: Competitive

Assay Data: Quantitative

Datasheet

Version: 3.0.0

Revision date: 05 Sep 2025



Sample Type: Serum and plasma.

CAS Number: 1428935-60-7

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