

Human Interleukin 12 receptor subunit beta 2 (IL12RB2) ELISA Kit | IL12RB2 elisa kit

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CATALOG #
AAA246185

REACTIVITY
Human

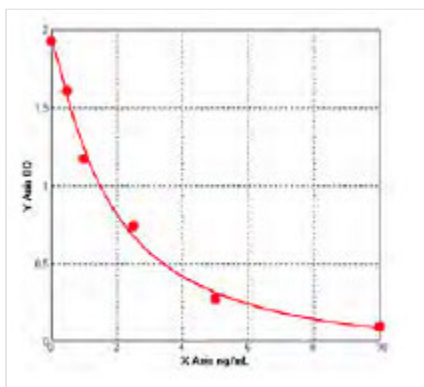
PRODUCT SYNONYMS

Interleukin 12 receptor subunit beta 2 (IL12RB2); Human Interleukin 12 receptor subunit beta 2 (IL12RB2) ELISA Kit; Human Interleukin 12 receptor subunit b 2 (IL12RB2) ELISA Kit; IL12RB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL12RB2 elisa kit

Intended Uses: This IL-12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat IL-12. This ELISA kit for research use only!

Principle of the Assay: IL-12 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-12. Standards or samples are then added to the microtiter plate wells and IL-12 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IL-12 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IL-12 are added to each well to "sandwich" the IL-12 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IL-12 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-12 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12229836
NCBI GeneID	3595
Molecular Weight	87,484 Da
NCBI Official Full Name	Interleukin-12 receptor subunit beta-2
NCBI Official Synonym Full Names	interleukin 12 receptor, beta 2
NCBI Official Symbol	IL12RB2
NCBI Protein Information	interleukin-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12 receptor subunit beta-2; interleukin-12 receptor beta-2 chain
UniProt Protein Name	Interleukin-12 receptor subunit beta-2
UniProt Gene Name	IL12RB2
UniProt Synonym Gene Names	IL-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12R-beta-2; IL-12RB2
UniProt Entry Name	I12R2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.