

Human IL4R (Interleukin 4 Receptor) ELISA Kit | IL4R elisa kit

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CATALOG #
AAA270390

REACTIVITY
Human

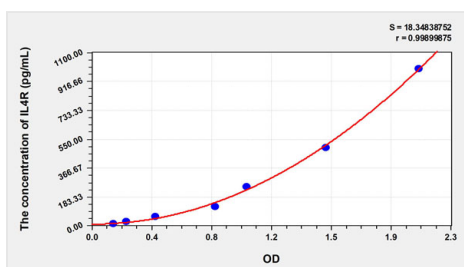
PRODUCT SYNONYMS

IL4R (Interleukin 4 Receptor); Human IL4R (Interleukin 4 Receptor) ELISA Kit; IL-4R;CD124; IL4-R; IL4RA; IL4-BP; Soluble interleukin-4 receptor subunit alpha; IL-4-binding protein; IL4R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	6.2 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL4R elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interleukin 4 Receptor(IL4R). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Interleukin 4 Receptor(IL4R). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Interleukin 4 Receptor(IL4R), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Interleukin 4 Receptor(IL4R) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for IL4R elisa kit

Signal transduction; Infection immunity; Rheumatology; Autoimmunity

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/il4r-interleukin-4-receptor/270390>