

Human Interleukin 13 Receptor Alpha 2 (IL13Ra2) ELISA Kit | IL13Ra2 elisa kit

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CATALOG #
AAA68043

REACTIVITY
Human

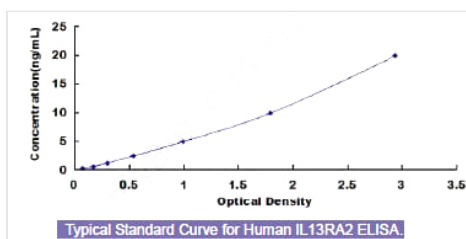
PRODUCT SYNONYMS

Interleukin 13 Receptor Alpha 2 (IL13Ra2); Human Interleukin 13 Receptor Alpha 2 (IL13Ra2) ELISA Kit; IL13Ra2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL13RA2. No significant cross-reactivity or interference between IL13RA2 and analogues was observed.
Sequence Length	380
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.129ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL13RA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL13RA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL13Ra2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL13RA2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL13RA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL13RA2. 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 IL13RA2, 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 +/- 10nm. The concentration of IL13RA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834992
NCBI GeneID	3598
NCBI Accession #	NP_000631.1
NCBI GenBank Nucleotide #	NM_000640.2
UniProt Accession #	Q14627; O00667; A8K7E2
Molecular Weight	44,176 Da
NCBI Official Full Name	interleukin-13 receptor subunit alpha-2
NCBI Official Synonym Full Names	interleukin 13 receptor subunit alpha 2
NCBI Official Symbol	IL13RA2
NCBI Official Synonym Symbols	CT19; IL-13R; IL13BP; CD213A2
NCBI Protein Information	interleukin-13 receptor subunit alpha-2
UniProt Protein Name	Interleukin-13 receptor subunit alpha-2
UniProt Gene Name	IL13RA2
UniProt Synonym Gene Names	IL13R; IL-13 receptor subunit alpha-2; IL-13R subunit alpha-2; IL-13R-alpha-2; IL-13RA2

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.