

Human Interleukin 23 Receptor (IL23R) ELISA Kit | IL23R elisa kit

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CATALOG #
AAA65075

REACTIVITY
Human

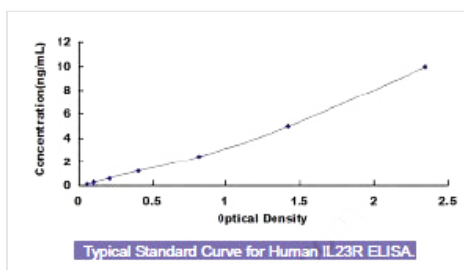
PRODUCT SYNONYMS

Interleukin 23 Receptor (IL23R); Human Interleukin 23 Receptor (IL23R) ELISA Kit; IL23R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL23R. No significant cross-reactivity or interference between IL23R and analogues was observed.
Sequence Length	629
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.041ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL23R 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 IL23R 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 IL23R elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL23R in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL23R. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL23R. 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 IL23R, 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 IL23R 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 #	24430212
NCBI GeneID	149233
NCBI Accession #	NP_653302.2
NCBI GenBank Nucleotide #	NM_144701.2
UniProt Accession #	Q5VWK5; Q4VGP1; Q4VGP2; Q4VGP3; Q4VGP4; Q4VGP5; Q4VGP6; Q5VWK7; Q8IW84; Q8NFAQ9; Q96AS1; C9JGX4
Molecular Weight	25,551 Da
NCBI Official Full Name	interleukin-23 receptor
NCBI Official Synonym Full Names	interleukin 23 receptor
NCBI Official Symbol	IL23R
NCBI Protein Information	interleukin-23 receptor
UniProt Protein Name	Interleukin-23 receptor
UniProt Gene Name	IL23R
UniProt Synonym Gene Names	IL-23 receptor; IL-23R

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.