

IL-23R elisa kit

Mouse IL-23R PicoKine ELISA Kit

CATALOG # AAA124869	REACTIVITY Mouse There is no detectable cross-reactivity with other relevant proteins.	APPLICATIONS ELISA
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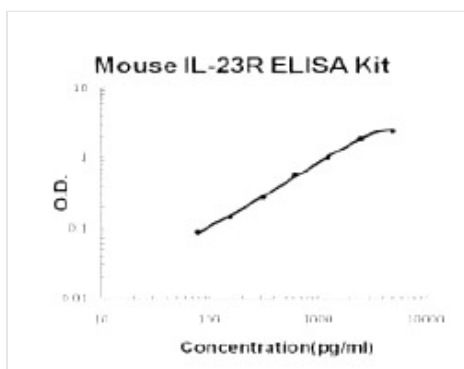
PRODUCT SYNONYMS

IL-23R; Mouse IL-23R PicoKine ELISA Kit; Interleukin-23 receptor; IL-23 receptor; IL23r; IL-23R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Mouse IL-23R
Sequence Length	644
Assay Type	Quantitative Sandwich
Detection Range	78pg/ml-5000pg/ml
Sensitivity	<10pg/ml
Applicable Applications for IL-23R elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-23R elisa kit	Principle of the Assay: Mouse IL-23R ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for IL-23R has been precoated onto 96- well plates. Standards(Expression system for standard: NSO, Immunogen sequence: I25-I373) and test samples are added to the wells, a biotinylated detection a biotinylated polyclonal antibody from goat specific for IL-23R is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse IL-23R amount of sample captured in plate. Background: Interleukin-23 subunit alpha is a protein that in humans is encoded by the IL23A gene. The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand- dependent manner.
Product Categories/Family for IL-23R elisa kit	Immunology; Cell Type Markers; Cytokines; Immunology; immunoGlobulins; Receptors; Innate Immunity; Interleukins; Signal Transduction; Signaling Pathway; Nuclear Signaling; stats; Epigenetics and Nuclear Signaling; nuclear Signaling Pathways

NCBI AND UNIPROT INFORMATION

NCBI GI #	239052137
NCBI GeneID	209590
NCBI Accession #	NP_653131.2
NCBI GenBank Nucleotide #	NM_144548.1
UniProt Accession #	Q8K4B4
Molecular Weight	73,453 Da
NCBI Official Full Name	interleukin-23 receptor
NCBI Official Synonym Full Names	interleukin 23 receptor
NCBI Official Symbol	IL23r
NCBI Official Synonym Symbols	IL-23R
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.