

Human IL-23 ELISA Kit | IL-23 elisa kit

Human IL-23 ELISA Kit

CATALOG # AAA332554	REACTIVITY Human	APPLICATIONS ELISA
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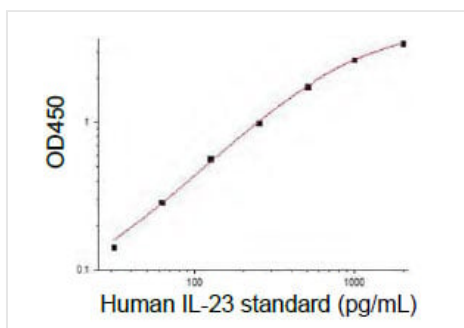
PRODUCT SYNONYMS

IL-23; Human IL-23 ELISA Kit; IL23; IL 23; IL 23A; IL-23 subunit alpha; IL-23-A; IL-23p19; IL23a; IL23P19; Interleukin 23 alpha subunit p19; Interleukin-23 subunit alpha; Interleukin-23 subunit p19; IL-23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IL-23 ELISA Kit has high sensitivity and excellent specificity for detection of Human IL-23. No significant cross-reactivity or interference between Human IL-23 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	31.25 pg/mL-2,000 pg/mL
Sensitivity	16 pg/mL
Applicable Applications for IL-23 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%) $\leq$ 10%.
Inter-assay Precision	Inter-assay Precision :The CV (%) $\leq$ 12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-23 elisa kit	Principle of the Assay: Interleukin 23 (IL-23) is a heterodimeric cytokine that is related to IL-12. It is composed of two disulfide-linked subunits, a p19 subunit that is unique to IL-23, and a p40 subunit that is shared with IL-12. The p19 subunit has homology to the p35 subunit of IL-12, as well as to other single chain cytokines such as IL-6 and IL-11. Human IL-23 ELISA Kit employs a double antibody sandwich method to quantitate Human IL-23 in samples. An antibody specific for Human IL-23 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IL-23 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human IL-23 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The IL-23 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-23 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706702
NCBI GeneID	51561
NCBI Accession #	NP_057668.1
NCBI GenBank Nucleotide #	NM_016584.2
UniProt Accession #	Q9NPF7; Q6NZ80; Q6NZ82; Q9H2A5
Molecular Weight	20,730 Da
NCBI Official Full Name	interleukin-23 subunit alpha
NCBI Official Synonym Full Names	interleukin 23, alpha subunit p19
NCBI Official Symbol	IL23A
NCBI Official Synonym Symbols	P19; SGRF; IL-23; IL-23A; IL23P19
NCBI Protein Information	interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; IL-23p19; JKA3 induced upon T-cell activation; interleukin 23 p19 subunit; interleukin-23 subunit p19; interleukin-six, G-CSF related factor
UniProt Protein Name	Interleukin-23 subunit alpha
UniProt Gene Name	IL23A
UniProt Synonym Gene Names	SGRF; IL-23 subunit alpha; IL-23-A; IL-23p19
UniProt Entry Name	IL23A_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/il-23/332554>