

Human Interleukin 11, IL-11 ELISA Kit | IL-11 elisa kit

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CATALOG #
AAA42863

REACTIVITY
Human

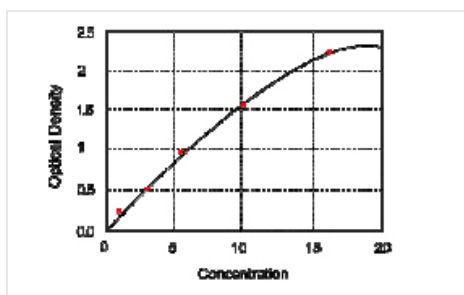
PRODUCT SYNONYMS

Interleukin 11; IL-11; Human Interleukin 11; IL-11 ELISA Kit; IL-11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	120
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-30ng/ml
Sensitivity	0.026ng/ml
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-11 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 1 Receptor 2 (also known as IL1R2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL1R2 antibody. IL1R2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL1R2 Antibody is added and binds to IL1R2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL1R2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL1R2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	391353380
NCBI GeneID	3589
NCBI Accession #	NP_001254647.1
NCBI GenBank Nucleotide #	NM_001267718.1
UniProt Accession #	P20809; Q96EB4; B4DQV5
Molecular Weight	12,994 Da
NCBI Official Full Name	interleukin-11 isoform 2
NCBI Official Synonym Full Names	interleukin 11
NCBI Official Symbol	IL11
NCBI Official Synonym Symbols	AGIF; IL-11
NCBI Protein Information	interleukin-11
UniProt Protein Name	Interleukin-11
UniProt Gene Name	IL11
UniProt Synonym Gene Names	AGIF1 PublicationManual assertion based on opinion iniRef.2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/interleukin-11-il-11/42863>