

Human Interleukin 15, IL-15 ELISA Kit | IL-15 elisa kit

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CATALOG #
AAA43253

REACTIVITY
Human

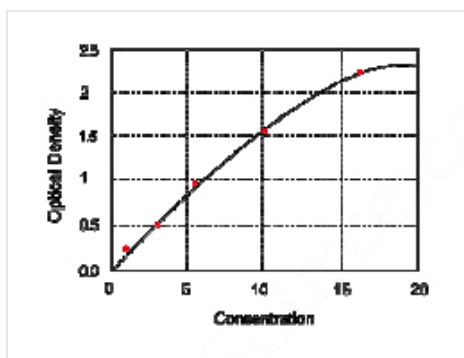
PRODUCT SYNONYMS

Interleukin 15; IL-15; Human Interleukin 15; IL-15 ELISA Kit; IL-15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	162
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L-300ng/L
Sensitivity	0.31ng/L
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-15 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 11 (also known as IL-11) 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 IL-11 antibody. IL-11 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-11 Antibody is added and binds to IL-11 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-11 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 IL-11. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981092
NCBI GeneID	25670
NCBI Accession #	NP_037261.1
NCBI GenBank Nucleotide #	NM_013129.2
UniProt Accession #	P97604; O54847
Molecular Weight	17,025 Da
NCBI Official Full Name	interleukin-15
NCBI Official Synonym Full Names	interleukin 15
NCBI Official Symbol	IL15
NCBI Protein Information	interleukin-15
UniProt Protein Name	Interleukin-15
UniProt Gene Name	IL15
UniProt Synonym Gene Names	IL-15

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.