

Mouse interleukin 15 ELISA Kit | IL15 elisa kit

Mouse Interleukin 15, IL-15 ELISA Kit

CATALOG #
AAA79831

REACTIVITY
Mouse

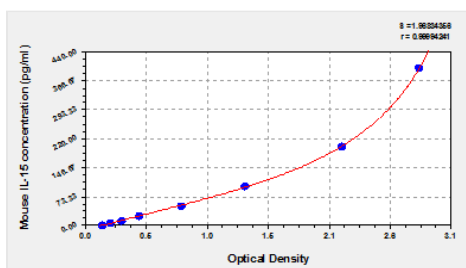
PRODUCT SYNONYMS

interleukin 15; Mouse Interleukin 15; IL-15 ELISA Kit; IL-15; MGC9721; ; IL15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL-15. No significant cross-reactivity or interference between mouse IL-15 and analogues was observed.
Sequence Length	162
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL15 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-15 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-15 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	363000984
NCBI GeneID	16168
NCBI Accession #	NP_001241676.1
NCBI GenBank Nucleotide #	NM_001254747.1
UniProt Accession #	P48346
Molecular Weight	18,593 Da
NCBI Official Full Name	interleukin-15
NCBI Official Synonym Full Names	interleukin 15
NCBI Official Symbol	IL15
NCBI Official Synonym Symbols	IL-15; AI503618
NCBI Protein Information	interleukin-15
UniProt Protein Name	Interleukin-15
UniProt Gene Name	IL15
UniProt Synonym Gene Names	IL-15
UniProt Entry Name	IL15_MOUSE

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/il15-mouse-elisa-kits/interleukin-15/79831>