

Mouse Interleukin 12A (IL12A) ELISA Kit | IL12A elisa kit

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CATALOG #
AAA137769

REACTIVITY
Mouse

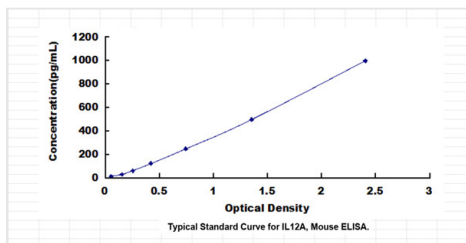
PRODUCT SYNONYMS

Interleukin 12A (IL12A); Mouse Interleukin 12A (IL12A) ELISA Kit; p35; IL12-A; CLMF1; NFSK; NKSF1; Natural Killer Cell Stimulatory Factor 1; Cytotoxic Lymphocyte Maturation Factor 1; NF Cell Stimulatory Factor Chain 1; IL12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL12A. No significant cross-reactivity or interference between IL12A and analogues was observed.
Sequence Length	115
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL12A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL12A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL12A elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IL12A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IL12A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL12A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IL12A in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL12A in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for IL12A elisa kit	Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	402795967
Molecular Weight	12,527 Da
NCBI Official Full Name	interleukin 12A, partial
UniProt Protein Name	Interleukin 12A
UniProt Gene Name	IL12A
UniProt Entry Name	J7MDX9_COTJA

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://www.aaabiotech.com/mouse-elisa-kits/interleukin-12a-il12a/137769>