

Mouse interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40) ELISA Kit | IL12B elisa kit

Mouse interleukin 12, IL-12/P40 ELISA Kit

CATALOG #

AAA80501

REACTIVITY

Mouse

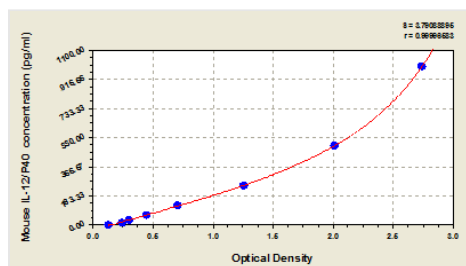
PRODUCT SYNONYMS

interleukin 12B (natural killer cell stimulatory factor 2; cytotoxic lymphocyte maturation factor 2; p40); Mouse interleukin 12; IL-12/P40 ELISA Kit; IL-12/P40 ELISA KIT; CLMF; CLMF2; IL-12B; NKSF; NKSF2; IL12; subunit p40; interleukin 12; p40; interleukin 12B; interleukin-12 beta chain; natural killer cell stimulatory factor; 40 kD subunit; IL12B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL-12/P40. No significant cross-reactivity or interference between mouse IL-12/P40 and analogues was observed.
Sequence Length	335
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml.
Sensitivity	The minimum detectable dose of mouse IL-12/P40 is typically less than 1.56 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 IL12B elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-12/P40 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-12/P40 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-12/P40 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-12/P40 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680397
NCBI GeneID	16160
NCBI Accession #	NP_032378.1
NCBI GenBank Nucleotide #	NM_008352.2
UniProt Accession #	P43432; Q9QUM1
Molecular Weight	38,235 Da
NCBI Official Full Name	interleukin-12 subunit beta
NCBI Official Synonym Full Names	interleukin 12b
NCBI Official Symbol	IL12b
NCBI Official Synonym Symbols	p40; IL-12b; IL12p40; IL-12p40
NCBI Protein Information	interleukin-12 subunit beta; CLMF p40; IL-12 p40; IL-12 subunit p40; IL-23 subunit p40; cytotoxic lymphocyte maturation factor 40 kDa subunit
UniProt Protein Name	Interleukin-12 subunit beta
UniProt Gene Name	IL12b
UniProt Synonym Gene Names	IL-12B; CLMF p40
UniProt Entry Name	IL12B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il12b-mouse-elisa-kits/interleukin-12b-natural-killer-cell-stimulatory-factor-2-cytotoxic-lymphocyte-maturation-factor-2-p40/80501>