

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

Pig Interleukin 12, IL-12/P40 ELISA Kit

CATALOG #

AAA15118

REACTIVITY

Pig

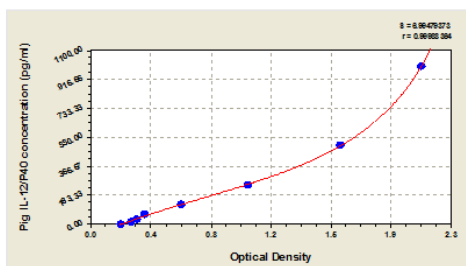
PRODUCT SYNONYMS

interleukin 12B (natural killer cell stimulatory factor 2; cytotoxic lymphocyte maturation factor 2; p40); Pig 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	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig IL-12/P40. No significant cross-reactivity or interference between pig IL-12/P40 and analogues was observed.
Sequence Length	324
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of pig IL-12/P40 is typically less than 3.9 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55742630
NCBI GeneID	397076
NCBI Accession #	NP_999178.1
NCBI GenBank Nucleotide #	NM_214013.1
UniProt Accession #	Q28938
Molecular Weight	36,829 Da
NCBI Official Full Name	interleukin-12 subunit beta
NCBI Official Symbol	IL12B
NCBI Protein Information	interleukin-12 subunit beta; IL-12B; CLMF p40; IL-12 subunit p40; interleukin-12 p40 subunit; 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_PIG

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/il12b-pig-elisa-kits/interleukin-12b-natural-killer-cell-stimulatory-factor-2-cytotoxic-lymphocyte-maturation-factor-2-p40/15118>