

Pig Interleukin 12, IL-12/P70 ELISA Kit | IL-12/P70 elisa kit

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CATALOG #
AAA79847

REACTIVITY
Pig

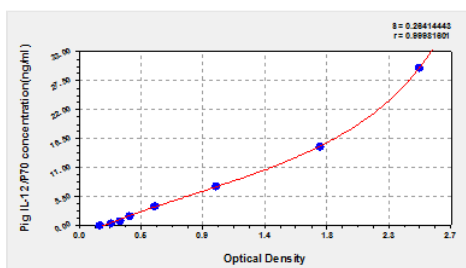
PRODUCT SYNONYMS

Interleukin 12; IL-12/P70; Pig Interleukin 12; IL-12/P70 ELISA Kit; CLMF; IL-12A; NFSK; NKSF1; P35; IL-12; subunit p35; NF cell stimulatory factor chain 1; cytotoxic lymphocyte maturation factor 1; p35; interleukin 12; interleukin 12A; interleukin-12 alpha chain; nat; IL-12/P70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig IL-12/P70. No significant cross-reactivity or interference between Pig IL-12/P70 and analogues was observed.
Sequence Length	256
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.469 ng/ml-30 ng/ml
Sensitivity	0.117 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 IL-12/P70 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-12/P70. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-12/P70 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IL-12/P70, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-12/P70 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522812
NCBI GeneID	397053
NCBI Accession #	NP_999158.1
NCBI GenBank Nucleotide #	NM_213993.1
UniProt Accession #	Q29053
Molecular Weight	24,945 Da
NCBI Official Full Name	interleukin-12 subunit alpha
NCBI Official Symbol	IL12A
NCBI Protein Information	interleukin-12 subunit alpha; IL-12A; CLMF p35; IL-12 subunit p35; interleukin 12 p35 subunit; cytotoxic lymphocyte maturation factor 35 kDa subunit
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12A
UniProt Synonym Gene Names	IL-12A; CLMF p35
UniProt Entry Name	IL12A_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.