

Bovine interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) ELISA Kit | IL12A elisa kit

Bovine Interleukin 12, IL-12 ELISA Kit

CATALOG #
AAA15544

REACTIVITY
Bovine

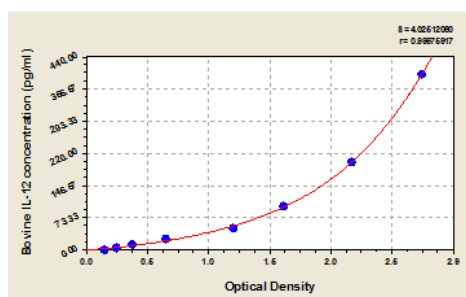
PRODUCT SYNONYMS

interleukin 12A (natural killer cell stimulatory factor 1; cytotoxic lymphocyte maturation factor 1; p35); Bovine Interleukin 12; IL-12 ELISA Kit; CLMF; IL-12A; NFSK; NKSF1; P35; IL-12; subunit p35; NF cell stimulatory factor chain 1; p35; interleukin 12; interleukin 12A; interleukin-12 alpha chain; nat; IL12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine IL-12. No significant cross-reactivity or interference between bovine IL-12 and analogues was observed.
Sequence Length	221
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/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 IL12A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-12 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 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 #	41386794
NCBI GeneID	281856
NCBI Accession #	NP_776780.1
NCBI GenBank Nucleotide #	NM_174355.2
UniProt Accession #	P54349; A9QWR3
Molecular Weight	24,944 Da
NCBI Official Full Name	interleukin-12 subunit alpha
NCBI Official Synonym Full Names	interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)
NCBI Official Symbol	IL12A
NCBI Official Synonym Symbols	IL12p35; IL-12 p35
NCBI Protein Information	interleukin-12 subunit alpha; IL-12A; CLMF p35; IL-12 subunit p35; interleukin 12 35kDa subunit; interleukin 12 polypeptide 35; cytotoxic lymphocyte maturation factor 35 kDa subunit; natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12A
UniProt Synonym Gene Names	IL-12A; CLMF p35
UniProt Entry Name	IL12A_BOVIN

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/il12a-bovine-ovine-elisa-kits/interleukin-12a-natural-killer-cell-stimulatory-factor-1-cytotoxic-lymphocyte-maturation-factor-1-p35/15544>