

Bovine Interleukin-1 beta ELISA Kit | IL1B elisa kit

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CATALOG #
AAA23342

REACTIVITY
Bovine

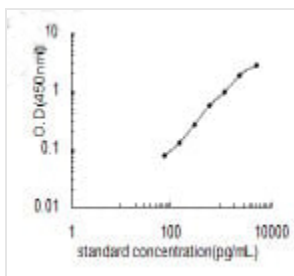
PRODUCT SYNONYMS

Interleukin-1 beta; Bovine Interleukin-1 beta ELISA Kit; IL-1 beta; IL1B; IL1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Interleukin-1 beta, IL-1 beta
Sequence Length	266
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 19.5 pg/mL
Intra-assay Precision	Intra-Assay CV: <=6.4%
Inter-assay Precision	Inter-Assay CV: <=10.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1B elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806571
NCBI GeneID	281251
NCBI Accession #	NP_776518.1
NCBI GenBank Nucleotide #	NM_174093.1
UniProt Accession #	P09428; A9QWQ5
Molecular Weight	30,760 Da
NCBI Official Full Name	interleukin-1 beta
NCBI Official Symbol	IL1B
NCBI Protein Information	interleukin-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_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.

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Online datasheet: <https://stage.aaabiotech.com/il1b-bovine-ovine-elisa-kits/interleukin-1-beta/23342>