

Bovine Interleukin 1alpha, IL-1alpha ELISA Kit | IL-1alpha elisa kit

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CATALOG #
AAA43647

REACTIVITY
Bovine

PRODUCT SYNONYMS

Interleukin 1alpha; IL-1alpha; Bovine Interleukin 1alpha; IL-1alpha ELISA Kit; IL-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	271
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/L - 90ng/L
Sensitivity	0.14ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1alpha elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Interleukin 1 Alpha (also known as IL-1A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine IL-1A antibody. IL-1A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine IL-1A Antibody is added and binds to IL-1A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-1A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Bovine IL-1A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894330
NCBI GeneID	3552
NCBI Accession #	NP_000566.3
NCBI GenBank Nucleotide #	NM_000575.4
UniProt Accession #	P01583; Q53QF9; Q7RU02
Molecular Weight	30,607 Da
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	IL1A
NCBI Official Synonym Symbols	IL1; IL-1A; IL1F1; IL1-ALPHA
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1A
UniProt Synonym Gene Names	IL1F1; IL-1 alpha

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/bovine-ovine-elisa-kits/interleukin-1alpha-il-1alpha/43647>