

Bovine interleukin 2 ELISA Kit | IL2 elisa kit

Bovine Interleukin 2, IL-2 ELISA Kit

CATALOG #
AAA79601

REACTIVITY
Bovine

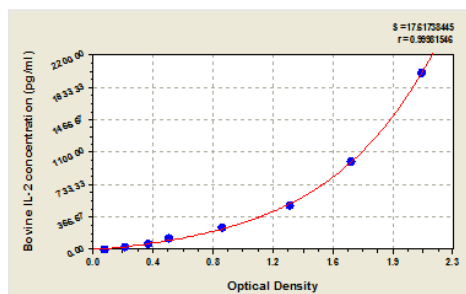
PRODUCT SYNONYMS

interleukin 2; Bovine Interleukin 2; IL-2 ELISA Kit; IL-2; TCGF; lymphokine; T cell growth factor; aldesleukin; interleukin-2; involved in regulation of T-cell clonal expansion; IL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine IL2. No significant cross-reactivity or interference between Bovine IL2 and analogues was observed.
Sequence Length	155
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/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
Protein Biological Process 1	Immunity
Protein Biological Process 3	Adaptive immunity
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 IL2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-2 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-2, 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-2 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 #	379991150
NCBI GeneID	280822
NCBI Accession #	NP_851340.2
NCBI GenBank Nucleotide #	NM_180997.2
UniProt Accession #	P05016; Q5QT38; Q8HYR7; A0MZP6; A9QWQ6
Molecular Weight	17,628 Da
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2<
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2; TCGF
NCBI Protein Information	interleukin-2; T-cell growth factor
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; IL-2; TCGF
UniProt Entry Name	IL2_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.