

Guinea Pig interleukin 1, beta ELISA Kit | IL1B elisa kit

Guinea Pig Interleukin-1 beta, IL1B ELISA Kit

CATALOG #
AAA112937

REACTIVITY
Guinea Pig

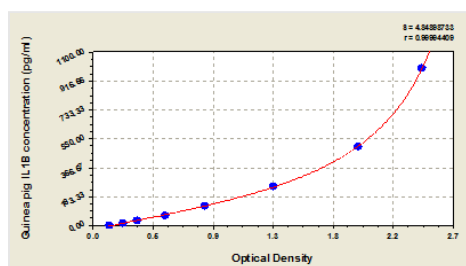
PRODUCT SYNONYMS

interleukin 1; beta; Guinea Pig Interleukin-1 beta; IL1B ELISA Kit; Guinea pig Interleukin-1 beta (IL1B) ELISA kit; IL-1; IL1-BETA; IL1F2; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta; IL1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Guinea pig IL1B. No significant cross-reactivity or interference between Guinea pig IL1B and analogues was observed.
Sequence Length	266
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 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	Inflammatory response
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 IL1B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL1B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL1B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1B 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 IL1B 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 #	290543537
NCBI GeneID	100135556
NCBI Accession #	NP_001166439.1
NCBI GenBank Nucleotide #	NM_001172968.1
UniProt Accession #	Q9WVG1
Molecular Weight	30,531 Da
NCBI Official Full Name	interleukin-1 beta
NCBI Official Symbol	IL1b
NCBI Protein Information	interleukin-1 beta; IL-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_CAVPO

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://www.aaabiotech.com/il1b-guinea-pig-pig-elisa-kits/interleukin-1-beta/112937>