

Fish Interleukin 1beta (IL- 1beta) ELISA Kit | IL- 1beta elisa kit

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CATALOG #
AAA14987

REACTIVITY
Fish

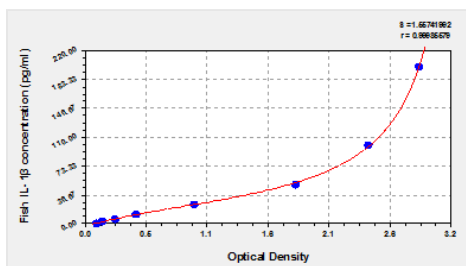
PRODUCT SYNONYMS

Interleukin 1beta (IL- 1beta); Fish Interleukin 1beta (IL- 1beta) ELISA Kit; Interleukin 1b (IL- 1b); N/A; Fish Interleukin 1b (IL- 1b) ELISA Kit; IL- 1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish IL- 1beta. No significant cross-reactivity or interference between fish IL- 1beta and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 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 IL- 1beta elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL- 1beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL- 1beta present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL- 1beta 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- 1beta bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835145
NCBI GeneID	3553
NCBI Accession #	NP_000567.1
NCBI GenBank Nucleotide #	NM_000576.2
UniProt Accession #	P01584; Q53X59; Q53XX2; Q7M4S7; Q7RU01; Q96HE5; Q9UCT6; O43645
Molecular Weight	30,748 Da
NCBI Official Full Name	interleukin-1 beta proprotein
NCBI Official Synonym Full Names	interleukin 1, beta
NCBI Official Symbol	IL1B
NCBI Official Synonym Symbols	IL-1; IL1F2; IL1-BETA
NCBI Protein Information	interleukin-1 beta; IL-1 beta; catabolin; OTTHUMP00000162031; preinterleukin 1 beta; pro-interleukin-1-beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL1F2
UniProt Entry Name	IL1B_HUMAN

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/fish-elisa-kits/interleukin-1beta-il-1beta/14987>