

Fish Interleukin 6, IL-6 ELISA Kit | IL-6 elisa kit

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CATALOG #
AAA15312

REACTIVITY
Fish

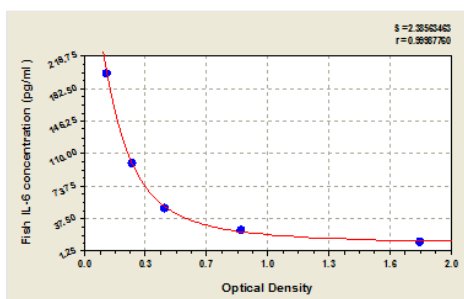
PRODUCT SYNONYMS

Interleukin 6; IL-6; Fish Interleukin 6; IL-6 ELISA Kit; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish IL-6. No significant cross-reactivity or interference between fish IL-6 and analogues was observed.
Sequence Length	211
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	12.5 pg/ml-200 pg/ml
Sensitivity	< 12.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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-6 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-6. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated IL-6. A competitive inhibition reaction is launched between IL-6 (Standards or samples) and Biotin-conjugated IL-6 with the pre-coated antibody specific for IL-6. The more amount of IL-6 in samples, the less antibody bound by Biotin-conjugated IL-6. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of IL-6 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7549769
NCBI GeneID	24498
NCBI Accession #	NP_036721.1
NCBI GenBank Nucleotide #	NM_012589.2
UniProt Accession #	P20607
Molecular Weight	24,357 Da
NCBI Official Full Name	interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	ILg6; Ifnb2
NCBI Protein Information	interleukin-6; IL-6; Interleukin 6 (interferon, beta 2)
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fish-elisa-kits/interleukin-6-il-6/15312>