

Fish Interleukin-8, IL-8 ELISA Kit | IL8/CXCL8 elisa kit

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CATALOG #
AAA79455

REACTIVITY
Fish

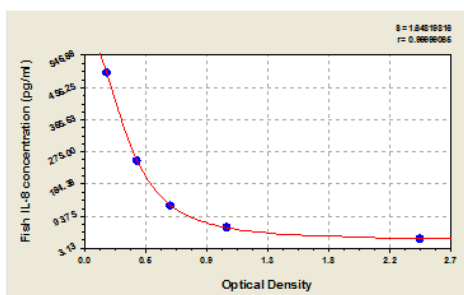
PRODUCT SYNONYMS

Interleukin-8; IL-8; Fish Interleukin-8; IL-8 ELISA Kit; IL8/CXCL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish IL-8. No significant cross-reactivity or interference between fish IL-8 and analogues was observed.
Sequence Length	101
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	31.25 pg/ml -500 pg/ml
Sensitivity	Typically less than 31.25 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 IL8/CXCL8 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-8. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated IL-8. A competitive inhibition reaction is launched between IL-8 (Standards or samples) and Biotin-conjugated IL-8 with the pre-coated antibody specific for IL-8. The more amount of IL-8 in samples, the less antibody bound by Biotin-conjugated IL-8. 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-8 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 #	74136483
NCBI GeneID	613028
NCBI Accession #	NP_001028137.1
NCBI GenBank Nucleotide #	NM_001032965.1
UniProt Accession #	P67813; P51495
Molecular Weight	11,320 Da
NCBI Official Full Name	interleukin-8
NCBI Official Symbol	CXCL8
NCBI Official Synonym Symbols	IL8
NCBI Protein Information	interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Synonym Gene Names	IL8; IL-8
UniProt Entry Name	IL8_MACMU

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.