

Fish phenol oxidase ELISA Kit | PO elisa kit

Fish phenol oxidase (PO) ELISA Kit

CATALOG # AAA55671	REACTIVITY Fish
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PRODUCT SYNONYMS

phenol oxidase; Fish phenol oxidase (PO) ELISA Kit; PO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of Fish MT. No significant cross-reactivity or interference between Fish MT and analogues was observed.
Sequence Length	694
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	10.4 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PO elisa kit	Intended Uses: For the quantitative detection of Fish Metallothionein (MT) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to MT. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated MT and incubated. The competitive inhibition reaction is launched between with HRP labeled MT and unlabeled MT with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of MT 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 #	671708825
Molecular Weight	79,759 Da
NCBI Official Full Name	phenol oxidase
UniProt Protein Name	Phenol oxidase
UniProt Entry Name	A0A076JY37_BLAG

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/po-fish-elisa-kits/phenol-oxidase/55671>