

Fish cytochrome P450, family 19, subfamily A, polypeptide 1 ELISA Kit | CYP19A1 elisa kit

Fish Aromatase, ARO ELISA Kit

CATALOG #
AAA80983

REACTIVITY
Fish

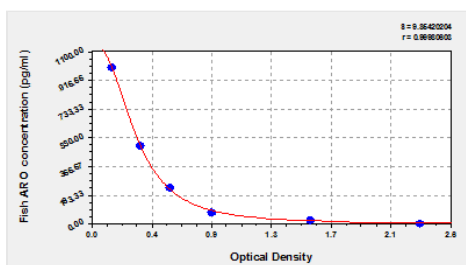
PRODUCT SYNONYMS

cytochrome P450; family 19; subfamily A; polypeptide 1; Fish Aromatase; ARO ELISA Kit; Fish Aromatase (ARO) ELISA Kit; ARO; ARO1; CPV1; CYAR; CYP19; MGC104309; P-450AROM; OTTHUMP00000162543; aromatase; subfamily XIX (aromatization of androgens) ; estrogen synthetase; flavoprotein-linked monooxygenase; mic; CYP19A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish ARO. No significant cross-reactivity or interference between fish ARO and analogues was observed.
Sequence Length	503
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	25 pg/ml-1000 pg/ml
Sensitivity	< 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 CYP19A1 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 goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for ARO and Horseradish Peroxidase (HRP) conjugated ARO. The competitive inhibition reaction is launched between with HRP labeled ARO and unlabeled ARO with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of ARO 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 #	6681099
NCBI GeneID	13075
NCBI Accession #	NP_031836.1
NCBI GenBank Nucleotide #	NM_007810.3
UniProt Accession #	P28649
Molecular Weight	58,015 Da
NCBI Official Full Name	aromatase
NCBI Official Synonym Full Names	cytochrome P450, family 19, subfamily a, polypeptide 1
NCBI Official Symbol	Cyp19a1
NCBI Official Synonym Symbols	Ar; ArKO; Int5; Cyp19; Int-5; p450arom
NCBI Protein Information	aromatase; CYPXIX; estrogen synthase; cytochrome P-450AROM; cytochrome P450 19A1; cytochrome P450, 19, aromatase
UniProt Protein Name	Aromatase
UniProt Gene Name	Cyp19a1
UniProt Synonym Gene Names	Arom; Cyp19
UniProt Entry Name	CP19A_MOUSE

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://stage.aaabiotech.com/cyp19a1-fish-elisa-kits/cytochrome-p450-family-19-subfamily-a-polypeptide-1/80983>