

## Fish Aromatase (ARO) ELISA Kit | ARO elisa kit

Fish Aromatase (ARO) ELISA Kit

CATALOG #  
**AAA121844**

REACTIVITY  
**Fish**

### PRODUCT SYNONYMS

Aromatase (ARO); Fish Aromatase (ARO) ELISA Kit; ARO elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Fish                                                                     |
| Sequence Length         | 503                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.12ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ARO elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Fish Aromatase (also known as ARO) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish ARO antibody. ARO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish ARO Antibody is added and binds to ARO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ARO antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Fish ARO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 1109516690                                      |
| NCBI GeneID                      | 1588                                            |
| NCBI Accession #                 | NP_001334185.1                                  |
| NCBI GenBank Nucleotide #        | NM_001347256.1                                  |
| UniProt Accession #              | P11511; Q16731; Q3B764; Q58FA0; Q8IYJ7          |
| Molecular Weight                 | 24,518 Da                                       |
| NCBI Official Full Name          | aromatase                                       |
| NCBI Official Synonym Full Names | cytochrome P450 family 19 subfamily A member 1  |
| NCBI Official Symbol             | CYP19A1                                         |
| NCBI Official Synonym Symbols    | ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM |
| NCBI Protein Information         | aromatase                                       |
| UniProt Protein Name             | Aromatase                                       |
| UniProt Gene Name                | CYP19A1                                         |
| UniProt Synonym Gene Names       | ARO1; CYAR; CYP19                               |

**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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