

Rat Aromatase, ARO ELISA Kit | ARO elisa kit

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CATALOG #
AAA123116

REACTIVITY
Rat

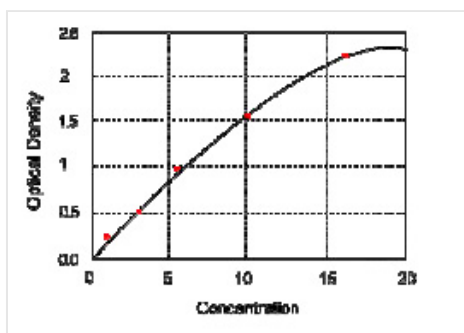
PRODUCT SYNONYMS

Aromatase; ARO; Rat Aromatase; ARO ELISA Kit; ARO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	503
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-10ng/ml
Sensitivity	0.014ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Rat Anti-Muellerian Hormone Type-2 Receptor (also known as AMHR2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat AMHR2 antibody. AMHR2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat AMHR2 Antibody is added and binds to AMHR2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AMHR2 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 Rat AMHR2. 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 GenBank Nucleotide #	NP_001334185.1
UniProt Accession #	P11511
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	Cytochrome P450 19A1
UniProt Gene Name	CYP19A1
UniProt Synonym Gene Names	ARO1; CYAR; CYP19
UniProt Entry Name	CP19A_HUMAN

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/rat-elisa-kits/aromatase-aro/123116>