

Human Aromatase ELISA Kit | ARO elisa kit

Human Aromatase ELISA Kit

CATALOG # AAA100636	REACTIVITY Human
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PRODUCT SYNONYMS

Aromatase; Human Aromatase ELISA Kit; ARO/CYP19A1/ARO1/CPV1/CYAR/CYP19/CYPXIX/P-450AROM/estrogen synthetase/Cytochrome P-450AROM/Aromatase/CYPXIX; ARO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARO . No significant cross-reactivity or interference between ARO and analogues was observed.
Sequence Length	503
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ARO were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ARO were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a ARO ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.2	0.452	0.538	0.973	1.541	1.914	2.39	2.653

Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13904860
NCBI GeneID	1588
NCBI Accession #	NP_112503.1
NCBI GenBank Nucleotide #	NM_031226.2
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
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/aro-human-elisa-kits/aromatase/100636>