

Chicken Cytochrome P450 19A1 ELISA Kit | CYP19A1 elisa kit

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CATALOG #
AAA192903

REACTIVITY
Chicken

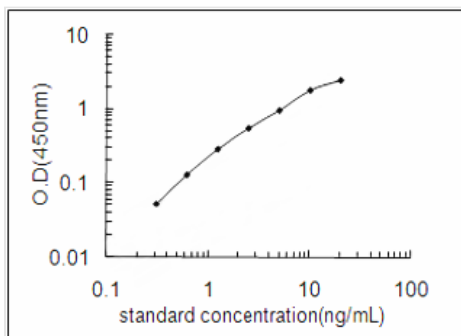
PRODUCT SYNONYMS

Cytochrome P450 19A1; Chicken Cytochrome P450 19A1 ELISA Kit; Aromatase; CYPXIX; Cytochrome P-450AROM; Estrogen synthase; CYP19A1; AROM; CYP19; 1.14.14.14; CYP19A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural chickenCytochrome P450 19A1. No significant cross-reactivity or interference was observed.
Sequence Length	507
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.31ng/ml -20.0ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP19A1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofchickenCytochrome P450 19A1concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cytochrome P450 19A1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forCytochrome P450 19A1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Cytochrome P450 19A1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Cytochrome P450 19A1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117292
NCBI GeneID	414854
UniProt Accession #	P19098
Molecular Weight	58,146 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	CYPXIX
NCBI Protein Information	aromatase
UniProt Protein Name	Aromatase
UniProt Gene Name	CYP19A1
UniProt Synonym Gene Names	AROM; CYP19
UniProt Entry Name	CP19A_CHICK

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-chicken-elisa-kits/cytochrome-p450-19a1/192903>