

Human Sterol 26-hydroxylase, mitochondrial (CYP27A1) ELISA Kit | CYP27A1 elisa kit

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CATALOG #
AAA44070

REACTIVITY
Human

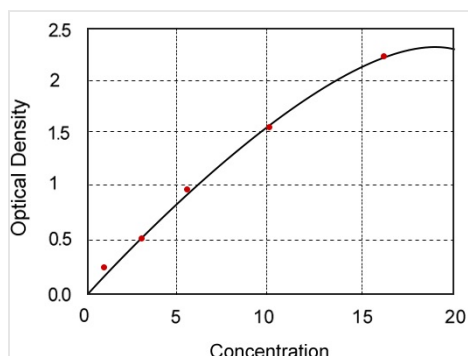
PRODUCT SYNONYMS

Sterol 26-hydroxylase; mitochondrial (CYP27A1); Human Sterol 26-hydroxylase; mitochondrial (CYP27A1) ELISA Kit; CYP27A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	531
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 4000ng/L
Sensitivity	4.89ng/L
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 CYP27A1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Sterol 26-hydroxylase, Mitochondrial (also known as CYP27A1) 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 human CYP27A1 antibody. CYP27A1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CYP27A1 Antibody is added and binds to CYP27A1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP27A1 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 human CYP27A1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503211
NCBI GeneID	1593
NCBI Accession #	NP_000775.1
NCBI GenBank Nucleotide #	NM_000784.3
UniProt Accession #	Q02318; Q6LDB4; Q86YQ6; A8K303
Molecular Weight	60,235 Da
NCBI Official Full Name	sterol 26-hydroxylase, mitochondrial
NCBI Official Synonym Full Names	cytochrome P450 family 27 subfamily A member 1
NCBI Official Symbol	CYP27A1
NCBI Official Synonym Symbols	CTX; CP27; CYP27
NCBI Protein Information	sterol 26-hydroxylase, mitochondrial
UniProt Protein Name	Sterol 26-hydroxylase, mitochondrial
UniProt Gene Name	CYP27A1
UniProt Synonym Gene Names	CYP27

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/human-elisa-kits/sterol-26-hydroxylase-mitochondrial-cyp27a1/44070>