Cytochrome P450 11b1 (CYP11B1) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cytochrome P450 11B1 (CYP11B1), ELISA Kit
Full Product Name	Human Cytochrome P450 11B1 (CYP11B1) ELISA Kit
Product Gene Name	CYP11B1 elisa kit
Product Synonym Gene Name	CPN1; CYP11B; FHI; 11-Beta-Hydroxylase; Cytochrome P450 Family 11 Subfamily B Polypeptide 1
Species Reactivity	Human
Detection Range	0.156-10ng/mL
Molecular Weight	57,573 Da
Chromosome Location	Chromosome: 8; NC_000008.11 (142872357..142879820, complement). Location: 8q21
OMIM	103900
3D Structure	ModBase 3D Structure for P15538
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for CYP11B1 elisa kit	MBS455984 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cytochrome P450 11B1 (CYP11B1) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CYP11B1. The ELISA analytical biochemical technique of the MBS455984 kit is based on CYP11B1 antibody-CYP11B1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CYP11B1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CYP11B1. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CYP11B1 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYP11B1. It may not necessarily be applicable to this product.

NCBI GI #	61743918
NCBI GeneID	1584
NCBI Accession #	NP_000488.3
UniProt Primary Accession #	P15538
UniProt Secondary Accession #	Q14095; Q4VAQ8; Q4VAQ9; Q9UML2
UniProt Related Accession #	P15538
GenBank Nucleotide #	NM_000497.3
NCBI Official Full Name	cytochrome P450 11B1, mitochondrial isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 11, subfamily B, polypeptide 1
NCBI Official Symbol	CYP11B1
NCBI Official Synonym Symbols	FHI; CPN1; CYP11B; P450C11

UniProt Protein Name	Cytochrome P450 11B1, mitochondrial
UniProt Synonym Protein Names	CYPXIB1; Cytochrome P-450c11; Cytochrome P450C11; Steroid 11-beta-hydroxylase
Protein Family	Cytochrome
UniProt Gene Name	CYP11B1
UniProt Synonym Gene Names	S11BH; Cytochrome P450C11
UniProt Entry Name	C11B1_HUMAN
NCBI Protein Information	cytochrome P450 11B1, mitochondrial; CYPXIB1; cytochrome P450C11; cytochrome P-450c11; cytochrome p450 XIB1; steroid 11-beta-hydroxylase; steroid 11-beta-monooxygenase; cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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