

Human Adrenodoxin, mitochondrial (FDX1) ELISA Kit | FDX1 elisa kit

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CATALOG #
AAA246127

REACTIVITY
Human

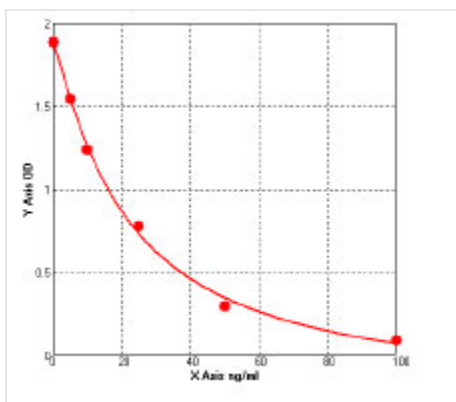
PRODUCT SYNONYMS

Adrenodoxin; mitochondrial (FDX1); Human Adrenodoxin; mitochondrial (FDX1) ELISA Kit; FDX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FDX1 elisa kit

Intended Uses: This FDP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FDP1. This ELISA kit for research use only!

Principle of the Assay: FDP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FDP1 antibody and an FDP1-HRP conjugate. The assay sample and buffer are incubated together with FDP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FDP1 concentration since FDP1 from samples and FDP1-HRP conjugate compete for the anti-FDP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FDP1 from the sample, fewer sites are left to bind FDP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FDP1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758352
NCBI GeneID	2230
NCBI Accession #	NP_004100.1
NCBI GenBank Nucleotide #	NM_004109.4
Molecular Weight	19,393 Da
NCBI Official Full Name	adrenodoxin, mitochondrial
NCBI Official Synonym Full Names	ferredoxin 1
NCBI Official Symbol	FDX1
NCBI Official Synonym Symbols	ADX; FDX; LOH11CR1D
NCBI Protein Information	adrenodoxin, mitochondrial; ferredoxin-1; hepatoredoxin; adrenal ferredoxin; mitochondrial adrenodoxin
UniProt Protein Name	Adrenodoxin, mitochondrial
UniProt Gene Name	FDX1
UniProt Synonym Gene Names	ADX
UniProt Entry Name	ADX_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://stage.aaabiotech.com/human-elisa-kits/adrenodoxin-mitochondrial-fdx1/246127>