

Human Frataxin (FXN) ELISA Kit | FXN elisa kit

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CATALOG #
AAA44277

REACTIVITY
Human

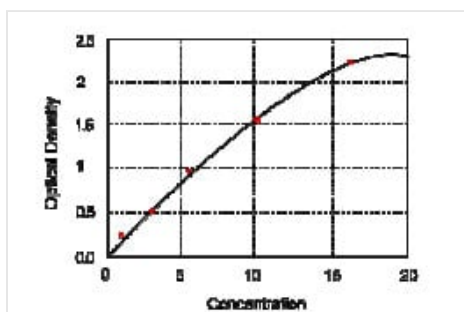
PRODUCT SYNONYMS

Frataxin (FXN); Human Frataxin (FXN) ELISA Kit; FXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	49
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L-3000ng/L
Sensitivity	8.29ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 FXN elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Forkhead Box Protein P1 (also known as FOXP1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human FOXP1 antibody. FOXP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human FOXP1 Antibody is added and binds to FOXP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FOXP1 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 FOXP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4100063
NCBI GeneID	2395
Molecular Weight	19,095 Da
NCBI Official Full Name	frataxin, partial
NCBI Official Synonym Full Names	frataxin
NCBI Official Symbol	FXN
NCBI Official Synonym Symbols	FA; X25; CyaY; FARR; FRDA
NCBI Protein Information	frataxin, mitochondrial
UniProt Protein Name	Frataxin, mitochondrial
UniProt Gene Name	FXN
UniProt Synonym Gene Names	FRDA; X25; Fxn; i-FXN

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/frataxin-fxn/44277>