

Human FXN (Frataxin) ELISA Kit | FXN elisa kit

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CATALOG #
AAA278856

REACTIVITY
Human

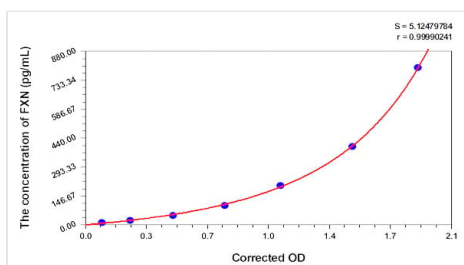
PRODUCT SYNONYMS

FXN (Frataxin); Human FXN (Frataxin) ELISA Kit; FA; CyaY; FARR; FRDA; X25; Friedreich ataxia protein; Frataxin intermediate form; Frataxin; mitochondrial; FXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Tissue homogenates, cell lysates and other biological fluids.
Detection Range	0.16-10ng/mL
Sensitivity	0.053ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXN elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human FXN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FXN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human FXN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human FXN in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for FXN elisa kit

[Infection immunity](#); [Neuro science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166193
NCBI GeneID	2395

UniProt Accession #	Q16595 ; O15545 ; O95656 ; Q15294 ; Q5VZ01 ; A8MXJ6 ; C9JJ89
Molecular Weight	210
NCBI Official Full Name	Frataxin, mitochondrial
NCBI Official Synonym Full Names	frataxin
NCBI Official Symbol	FXN
NCBI Official Synonym Symbols	FA; X25; CyaY; FARR; FRDA
NCBI Protein Information	frataxin, mitochondrial; Friedreich ataxia protein
UniProt Protein Name	Frataxin, mitochondrial
UniProt Gene Name	FXN
UniProt Synonym Gene Names	FRDA; X25; Fxn; i-FXN
UniProt Entry Name	FRDA_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/fxn-frataxin/278856>