

Human Dysferlin (DYSF) ELISA Kit | DYSF elisa kit

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CATALOG #
AAA20751

REACTIVITY
Human

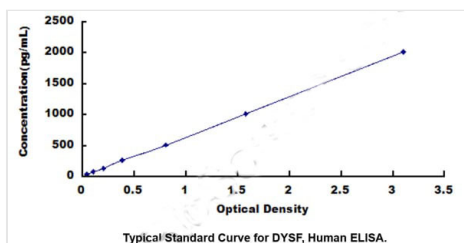
PRODUCT SYNONYMS

Dysferlin (DYSF); Human Dysferlin (DYSF) ELISA Kit; FER1L1; LGMD2B; Dysferlin; Limb Girdle Muscular Dystrophy 2B(Autosomal Recessive); Fer-1-like protein 1; Dystrophy-associated fer-1-like protein; DYSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DYSF. No significant cross-reactivity or interference between DYSF and analogues was observed.
Sequence Length	1,954
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 11.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DYSF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DYSF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DYSF elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to DYSF. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to DYSF. 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 DYSF, 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 DYSF in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DYSF in human tissue homogenates, cell culture supernates and other biological fluids.
Product Categories/Family for DYSF elisa kit	Immune molecule; Neuroscience; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	3600028
NCBI GeneID	8291
Molecular Weight	222,315 Da
NCBI Official Full Name	dysferlin
NCBI Official Synonym Full Names	dysferlin
NCBI Official Symbol	DYSF
NCBI Official Synonym Symbols	MMD1; FER1L1; LGMD2B
NCBI Protein Information	dysferlin
UniProt Protein Name	Dysferlin
UniProt Gene Name	DYSF
UniProt Synonym Gene Names	FER1L1
UniProt Entry Name	DYSF_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/dysferlin-dysf/20751>