

Human Dysferlin (DYSF) RTU ELISA Kit | DYSF rtu elisa kit

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CATALOG #
AAA70325

REACTIVITY
Human

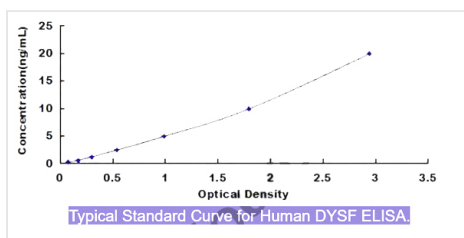
PRODUCT SYNONYMS

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 rtu 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	2081
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.141ng/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	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DYSF rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DYSF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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 the in vitro quantitative measurement of DYSF in human tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195976821
NCBI GeneID	8291
NCBI Accession #	NP_001123927.1
NCBI GenBank Nucleotide #	NM_001130455.1
UniProt Accession #	O75923; A0FK00; B1PZ70; B1PZ71; B1PZ72; B1PZ73; B1PZ74; B1PZ75; B1PZ76; B1PZ77; B1PZ78; B1PZ79
Molecular Weight	222,315 Da
NCBI Official Full Name	dysferlin isoform 2
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

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.