

Human, Mouse Dysferlin ELISA Kit | DYSF elisa kit

Dysferlin Colorimetric Cell-Based ELISA Kit

CATALOG #
AAA315532

REACTIVITY
Human, Mouse

PRODUCT SYNONYMS

Dysferlin; Dysferlin Colorimetric Cell-Based ELISA Kit; Dystrophy-associated fer-1-like protein; Fer-1-like protein 1; DYSF; FER1L1; DYSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	The Anti-Dysferlin Antibody is a rabbit polyclonal antibody. It was tested on Western Blots for specificity. The data in Figure 2 shows that a single protein band was detected. This protein band can be blocked by the synthesized immunogen peptide.
Form/Format	One 96-Well Plate
Sequence Length	2081
Samples	Researchers plate their cell line of choice
Assay Type	Non-Phospho Cell-Based ELISA
Sensitivity	>=5000 cells/well
Detection Method	Colorimetric 450 nm
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for DYSF elisa kit

Background: The Colorimetric Cell-Based ELISA Kit allows for the detection of various target proteins and the effects that certain stimulation conditions have on target protein expression in different cell lines. Qualitative determination of target protein concentration is achieved by an indirect ELISA format. In essence, the target protein is captured by target-specific primary (1 degree) antibodies while the HRP-conjugated secondary (2 degree) antibodies bind the Fc region of the 1 degree antibody. Through this binding, the HRP enzyme conjugated to the 2 degree antibody can catalyze a colorimetric reaction upon substrate addition. Due to the qualitative nature of the Cell-Based ELISA, multiple normalization methods are described: 1) a monoclonal antibody specific for human GAPDH is included to serve as an internal positive control in normalizing the target absorbance values. 2) Following the colorimetric measurement of HRP activity via substrate addition, the Crystal Violet whole-cell staining method is used to determine cell density. After staining, the results can be analyzed by normalizing the absorbance values to cell amounts, by which the plating difference can be adjusted. 3) If a phosphorylated target is being detected, an antibody against the non-phosphorylated counterpart will be provided for normalization purposes. The absorbance values obtained for the non-phosphorylated target can be used to normalize the absorbance values for the phosphorylated target.

Principle of the Assay: The Dysferlin Cell-Based ELISA Kit is a convenient, lysate-free, high throughput and sensitive assay kit that can monitor Dysferlin protein expression profile in cells. The kit can be used for measuring the relative amounts of Dysferlin in cultured cells as well as screening for the effects that various treatments, inhibitors (ie. siRNA or chemicals), or activators have on Dysferlin.

Product Categories/Family for DYSF elisa kit

[Cell Based ELISA Kit](#)

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	237295
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.

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Online datasheet: <https://www.aaabiotech.com/dysf-human-mouse-elisa-kits/dysferlin/315532>