

Human Plectin ELISA Kit | PLEC elisa kit

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CATALOG #
AAA99437

REACTIVITY
Human

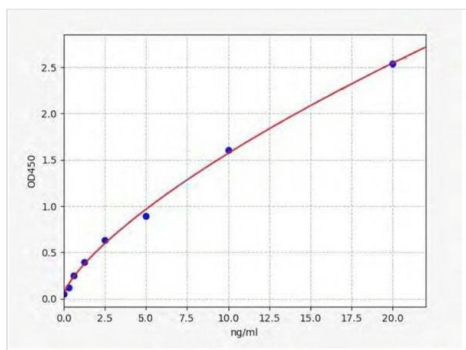
PRODUCT SYNONYMS

Plectin; Human Plectin ELISA Kit; PLEC/Plectin/PCN/PLTN/Hemidesmosomal protein 1/HD1/Plectin-1/PLEC1/EBS1/EBSO/LGMD2Q/PLEC1b; PLEC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLEC. No significant cross-reactivity or interference between PLEC and analogues was observed.
Sequence Length	4684
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLEC elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1296662
NCBI GeneID	5339
UniProt Accession #	Q15149; Q15148; Q16640; Q6S376; Q6S377; Q6S378; Q6S379; Q6S380; Q6S381; Q6S382; Q6S383
Molecular Weight	514,775 Da
NCBI Official Full Name	plectin
NCBI Official Synonym Full Names	plectin
NCBI Official Symbol	PLEC
NCBI Official Synonym Symbols	HD1; PCN; EBS1; EBSO; PLTN; EBSMD; EBSND; EBSOG; EBSPA; PLEC1; LGMD2Q; PLEC1b
NCBI Protein Information	plectin
UniProt Protein Name	Plectin
UniProt Gene Name	PLEC
UniProt Synonym Gene Names	PLEC1; PCN; PLTN; HD1
UniProt Entry Name	PLEC_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/plec-human-elisa-kits/plectin/99437>