

Dystroglycan ELISA Kit | DAG1 elisa kit

Human Dystroglycan PicoKine ELISA Kit

CATALOG # AAA124870	REACTIVITY Human There is no detectable cross-reactivity with other relevant proteins.	APPLICATIONS ELISA
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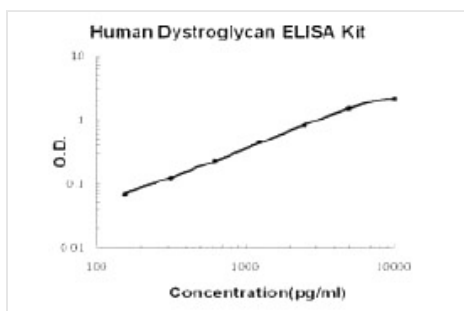
PRODUCT SYNONYMS

Dystroglycan; Human Dystroglycan PicoKine ELISA Kit; Dystrophin-associated glycoprotein 1; Alpha-dystroglycan; Alpha-DG; Beta-dystroglycan; Beta-DG; DAG1; DAG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human Dystroglycan
Sequence Length	895
Assay Type	Quantitative Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Applicable Applications for DAG1 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAG1 elisa kit	Principle of the Assay: Human Dystroglycan ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A a monoclonal antibody from mouse specific for Dystroglycan has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: H30-G653) and test samples are added to the wells, a biotinylated detection a biotinylated polyclonal antibody from goat specific for Dystroglycan is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 Human Dystroglycan amount of sample captured in plate.
Product Categories/Family for DAG1 elisa kit	Signal Transduction; Cytoskeleton/ECM; Cytoskeleton; microfilaments; actin etc; actin Binding Proteins; Neuroscience; Neurology Process; neurogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	294997284
NCBI GeneID	1605
NCBI Accession #	NP_001159400.2
NCBI GenBank Nucleotide #	NM_001165928.3
UniProt Accession #	Q14118; Q969J9; A8K6M7
Molecular Weight	97,441 Da
NCBI Official Full Name	dystroglycan preproprotein
NCBI Official Synonym Full Names	dystroglycan 1
NCBI Official Symbol	DAG1
NCBI Official Synonym Symbols	A3a; DAG; AGRNR; 156DAG; MDDGA9; MDDGC7; MDDGC9
NCBI Protein Information	dystroglycan
UniProt Protein Name	Dystroglycan
UniProt Gene Name	DAG1
UniProt Synonym Gene Names	Alpha-DG; Beta-DG

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/dag1-human-elisa-kits/dystroglycan/124870>