

Human Dysbindin ELISA Kit | DTNBP1 elisa kit

Human Dysbindin ELISA Kit

CATALOG #
AAA100415

REACTIVITY
Human

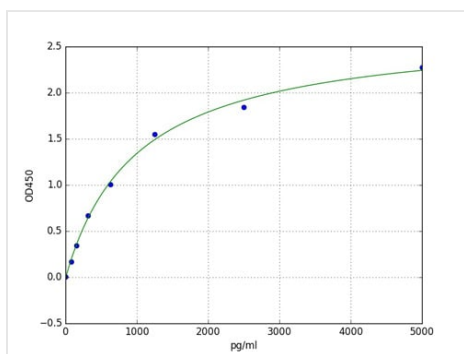
PRODUCT SYNONYMS

Dysbindin; Human Dysbindin ELISA Kit; DTNBP1/Dysbindin/Hermansky-Pudlak syndrome 7 protein/HPS7 protein/Hermansky-Pudlak syndrome 7 protein/HPS7 protein/Dysbindin-1/BLOC-1 subunit 8/Dystrobrevin-binding protein 1/My031/BLOC1S8/DBND/HPS7; DTNBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	352
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a DTNBP1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.104	0.171	0.249	0.383	0.609	1.151	1.858	2.389

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DTNBP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-DTNBP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-DTNBP1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 DTNBP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of DTNBP1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15208633
NCBI GeneID	94245
NCBI Accession #	NP_080048.2
NCBI GenBank Nucleotide #	NM_025772.4
Molecular Weight	30,582 Da
NCBI Official Full Name	dysbindin
NCBI Official Synonym Full Names	dystrobrevin binding protein 1
NCBI Official Symbol	Dtnbp1
NCBI Official Synonym Symbols	sdyl; Bloc1s8; AW048963; dysbindin; 5430437B18Rik
NCBI Protein Information	dysbindin
UniProt Protein Name	Dysbindin
UniProt Gene Name	Dtnbp1
UniProt Synonym Gene Names	Bloc1s8; Sdy; BLOC-1 subunit 8; HPS7 protein homolog
UniProt Entry Name	DTBP1_MOUSE

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/dtnbp1-human-elisa-kits/dysbindin/100415>