

Human Disrupted in schizophrenia 1 protein (DISC1) ELISA Kit | DISC1 elisa kit

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CATALOG #
AAA44104

REACTIVITY
Human

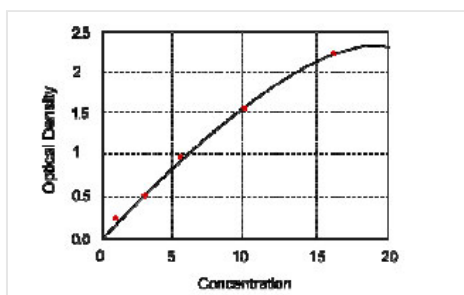
PRODUCT SYNONYMS

Disrupted in schizophrenia 1 protein (DISC1); Human Disrupted in schizophrenia 1 protein (DISC1) ELISA Kit; DISC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	854
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-6000ng/L
Sensitivity	10.22ng/L
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DISC1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Disrupted in schizophrenia 1 protein (also known as DISC1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human DISC1 antibody. DISC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human DISC1 Antibody is added and binds to DISC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DISC1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human DISC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742823
NCBI GeneID	27185
NCBI Accession #	NP_061132.2
NCBI GenBank Nucleotide #	NM_018662.2
UniProt Accession #	Q9NR15; O75045; Q5VT44; A6NLH2; C4P091; C4P095; C4P0A1; C4P0A3; C4P0B3; C4P0B6; C4P0C1; C9J6D0
Molecular Weight	91,124 Da
NCBI Official Full Name	disrupted in schizophrenia 1 protein isoform L
NCBI Official Synonym Full Names	DISC1 scaffold protein
NCBI Official Symbol	DISC1
NCBI Official Synonym Symbols	SCZD9; C1orf136
NCBI Protein Information	disrupted in schizophrenia 1 protein
UniProt Protein Name	Disrupted in schizophrenia 1 protein
UniProt Gene Name	DISC1
UniProt Synonym Gene Names	KIAA0457

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/human-elisa-kits/disrupted-in-schizophrenia-1-protein-disc1/44104>