

Human Doublecortin (DCX) ELISA Kit | DCX elisa kit

Human Doublecortin (DCX) ELISA Kit

CATALOG #
AAA44278

REACTIVITY
Human

PRODUCT SYNONYMS

Doublecortin (DCX); Human Doublecortin (DCX) ELISA Kit; DCX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	360
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.45ng/L
Intra-Assay	CV<8%
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 DCX elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Doublecortin (also known as DCX) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DCX antibody. DCX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DCX Antibody is added and binds to DCX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DCX 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 DCX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3114810
NCBI GeneID	1641
UniProt Accession #	O43602; O43911; Q5JYZ5; A6NFY6; A9Z1V8; D3DUY8; D3DUY9; D3DUZ0
Molecular Weight	40,044 Da
NCBI Official Full Name	doublecortin
NCBI Official Synonym Full Names	doublecortin
NCBI Official Symbol	DCX
NCBI Official Synonym Symbols	DC; DBCN; LISX; SCLH; XLIS
NCBI Protein Information	neuronal migration protein doublecortin
UniProt Protein Name	Neuronal migration protein doublecortin
UniProt Gene Name	DCX
UniProt Synonym Gene Names	DBCN; LISX; Lis-X

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/human-elisa-kits/doublecortin-dcx/44278>