

Bovine Doublecortin ELISA Kit | DCX elisa kit

Bovine Doublecortin ELISA Kit

CATALOG #
AAA92598

REACTIVITY
Bovine

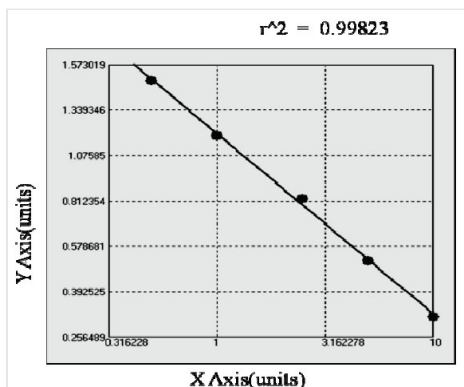
PRODUCT SYNONYMS

Doublecortin; Bovine Doublecortin ELISA Kit; DCX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This DCX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine DCX. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCX elisa kit

Principle of the Assay: DCX ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DCX antibody and an DCX-HRP conjugate. The assay sample and buffer are incubated together with DCX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DCX concentration since DCX from samples and DCX-HRP conjugate compete for the anti-DCX antibody binding site. Since the number of sites is limited, as more sites are occupied by DCX from the sample, fewer sites are left to bind DCX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DCX concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3114810
NCBI GeneID	1641
UniProt Accession #	O43602; O43911; Q5JYZ5; A6NFY6; A9Z1V8; D3DUY8; D3DUY9; D3DUZ0
Molecular Weight	40,215 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; lis-X; doublin; doublecortex; lissencephalin-X
UniProt Protein Name	Neuronal migration protein doublecortin
UniProt Gene Name	DCX
UniProt Synonym Gene Names	DBCN; LISX; Lis-X
UniProt Entry Name	DCX_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://www.aaabiotech.com/dcx-bovine-ovine-elisa-kits/doublecortin/92598>