

Mouse ATP-dependent RNA helicase DDX3X (DDX3X) ELISA Kit | DDX3X elisa kit

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CATALOG #
AAA245311

REACTIVITY
Mouse

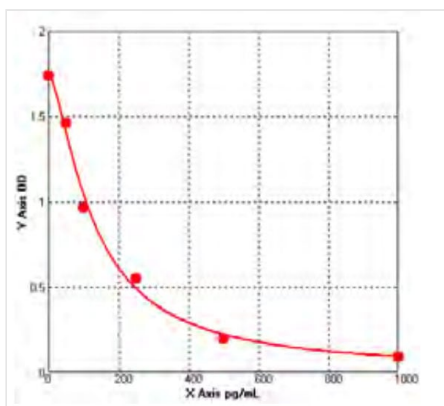
PRODUCT SYNONYMS

ATP-dependent RNA helicase DDX3X (DDX3X); Mouse ATP-dependent RNA helicase DDX3X (DDX3X) ELISA Kit; DDX3X elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DDX3X. No significant cross-reactivity or interference between DDX3X and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DDX3X and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDX3X elisa kit	Principle of the Assay: DDX3X ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-DDX3X antibody and an DDX3X-HRP conjugate. The assay sample and buffer are incubated together with DDX3X-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 DDX3X concentration since DDX3X from samples and DDX3X-HRP conjugate compete for the anti-DDX3X antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX3X from the sample, fewer sites are left to bind DDX3X-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX3X concentration in each sample is interpolated from this standard curve. Intended Uses: This DDX3X ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DDX3X. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for DDX3X elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171467
NCBI GeneID	1654
NCBI Accession #	NP_001180345.1
NCBI GenBank Nucleotide #	NM_001193416.1
Molecular Weight	71,355 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X isoform 2
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14
NCBI Protein Information	ATP-dependent RNA helicase DDX3X; CAP-Rf; DEAD/H box-3; DEAD box, X isoform; helicase like protein 2; helicase-like protein 2; DEAD box protein 3, X-chromosomal; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3; DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
UniProt Protein Name	ATP-dependent RNA helicase DDX3X
UniProt Gene Name	DDX3X
UniProt Synonym Gene Names	DBX; DDX3; HLP2
UniProt Entry Name	DDX3X_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/atp-dependent-rna-helicase-ddx3x-ddx3x/245311>