

Human Probable ATP dependent RNA helicase DDX11 (DDX11) ELISA Kit | DDX11 elisa kit

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CATALOG #
AAA244552

REACTIVITY
Human

PRODUCT SYNONYMS

Probable ATP dependent RNA helicase DDX11 (DDX11); Human Probable ATP dependent RNA helicase DDX11 (DDX11) ELISA Kit; DDX11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDX11 elisa kit	Intended Uses: This DDX11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DDX11. This ELISA kit for research use only! Principle of the Assay DDX11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-DDX11 antibody and an DDX11-HRP conjugate. The assay sample and buffer are incubated together with DDX11-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 DDX11 concentration since DDX11 from samples and DDX11-HRP conjugate compete for the anti-DDX11 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX11 from the sample, fewer sites are left to bind DDX11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX11 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DDX11 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	74731686
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NCBI GeneID	1663
Molecular Weight	32,951 Da
NCBI Official Full Name	Probable ATP-dependent RNA helicase DDX11
NCBI Official Synonym Full Names	DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11
NCBI Official Symbol	DDX11
NCBI Official Synonym Symbols	CHL1; KRG2; WABS; CHLR1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX11; KRG-2; hCHLR1; DEAD/H box protein 11; CHL1-related protein 1; CHL1-like helicase homolog; CHL1-related helicase gene-1; keratinocyte growth factor-regulated gene 2 protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (CHL1-like helicase homolog, <i>S. cerevisiae</i>)
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX11
UniProt Gene Name	DDX11
UniProt Synonym Gene Names	CHL1; CHLR1; KRG2; hCHLR1; KRG-2
UniProt Entry Name	DDX11_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://stage.aaabiotech.com/human-elisa-kits/probable-atp-dependent-rna-helicase-ddx11-ddx11/244552>