

Mouse Probable ATP-dependent RNA helicase DDX20 (DDX20) ELISA Kit | DDX20 elisa kit

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CATALOG #
AAA244655

REACTIVITY
Mouse

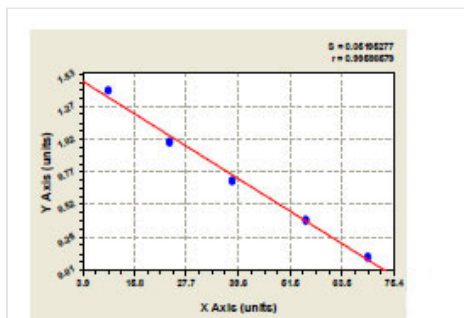
PRODUCT SYNONYMS

Probable ATP-dependent RNA helicase DDX20 (DDX20); Mouse Probable ATP-dependent RNA helicase DDX20 (DDX20) ELISA Kit; DDX20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for DDX20 elisa kit

Intended Uses: This DDX20 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DDX20. This ELISA kit for research use only!

Principle of the Assay: DDX20 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-DDX20 antibody and an DDX20-HRP conjugate. The assay sample and buffer are incubated together with DDX20-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 DDX20 concentration since DDX20 from samples and DDX20-HRP conjugate compete for the anti-DDX20 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX20 from the sample, fewer sites are left to bind DDX20-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX20 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DDX20 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	256223453
NCBI GeneID	11218
NCBI Accession #	NP_009135.4
NCBI GenBank Nucleotide #	NM_007204.4
Molecular Weight	92,241 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX20
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20
NCBI Official Symbol	DDX20
NCBI Official Synonym Symbols	DP103; GEMIN3
NCBI Protein Information	probable ATP-dependent RNA helicase DDX20; gemin-3; DEAD box protein 20; component of gems 3; DEAD-box protein DP103; DEAD box protein DP 103; SMN-interacting protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX20
UniProt Gene Name	DDX20
UniProt Synonym Gene Names	DP103; GEMIN3
UniProt Entry Name	DDX20_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/probable-atp-dependent-rna-helicase-ddx20-ddx20/244655>