

Sheep Probable ATP-dependent RNA helicase DDX27 (DDX27) ELISA Kit | DDX27 elisa kit

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CATALOG #
AAA246479

REACTIVITY
Sheep

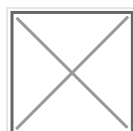
PRODUCT SYNONYMS

Probable ATP-dependent RNA helicase DDX27 (DDX27); Sheep Probable ATP-dependent RNA helicase DDX27 (DDX27) ELISA Kit; DDX27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of DDX27. No significant cross-reactivity or interference between DDX27 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DDX27 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDX27 elisa kit	Intended Uses: This DDX27 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep DDX27. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: DDX27 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-DDX27 antibody and an DDX27-HRP conjugate. The assay sample and buffer are incubated together with DDX27-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 DDX27 concentration since DDX27 from samples and DDX27-HRP conjugate compete for the anti-DDX27 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX27 from the sample, fewer sites are left to bind DDX27-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX27 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DDX27 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	224593278
NCBI GeneID	55661
NCBI Accession #	NP_060365.7
NCBI GenBank Nucleotide #	NM_017895.7
Molecular Weight	89,835 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX27
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27
NCBI Official Symbol	DDX27
NCBI Official Synonym Symbols	DRS1; RHLP; Drs1p; PP3241; HSPC259; dJ686N3.1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX27; DEAD box protein 27; RNA helicase-like protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 27; Deficiency of ribosomal subunits protein 1 homolog
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX27
UniProt Gene Name	DDX27
UniProt Synonym Gene Names	RHLP; HSPC259; PP3241
UniProt Entry Name	DDX27_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/sheep-elisa-kits/probable-atp-dependent-rna-helicase-ddx27-ddx27/246479>