Bovine Probable ATP-dependent RNA helicase DDX58 (DDX58) ELISA Kit | DDX58 elisa kit

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CATALOG #	REACTIVITY
AAA245440	**Bovine**

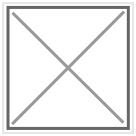
PRODUCT SYNONYMS

Probable ATP-dependent RNA helicase DDX58 (DDX58); Bovine Probable ATP-dependent RNA helicase DDX58 (DDX58) ELISA Kit; DDX58 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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 DDX58 elisa kit	Intended Uses: This DDX58 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine DDX58. Principle of the Assay: DDX58 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DDX58 antibody and an DDX58-HRP conjugate. The assay sample and buffer are incubated together with DDX58-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 DDX58 concentration since DDX58 from samples and DDX58-HRP conjugate compete for the anti-DDX58 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX58 from the sample, fewer sites are left to bind DDX58-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX58 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DDX58 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	27881482
NCBI GeneID	23586

NCBI Accession #	NP_055129.2
NCBI GenBank Nucleotide #	NM_014314.3
Molecular Weight	101,377 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX58
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
NCBI Official Symbol	DDX58
NCBI Official Synonym Symbols	RIGI; RIG-I; RLR-1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX58; RIG-1; RNA helicase RIG-I; DEAD box protein 58; RIG-I-like receptor 1; retinoic acid inducible gene I; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX58
UniProt Gene Name	**DDX58**
UniProt Synonym Gene Names	RLR-1; RIG-1; RIG-I
UniProt Entry Name	DDX58_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/bovine-ovine-elisa-kits/probable-atp-dependent-rna-helicase-ddx58-ddx58/245440