

Human DDX58 (DEAD box protein 58) ELISA Kit | DDX58 elisa kit

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CATALOG #
AAA250067

REACTIVITY
Human

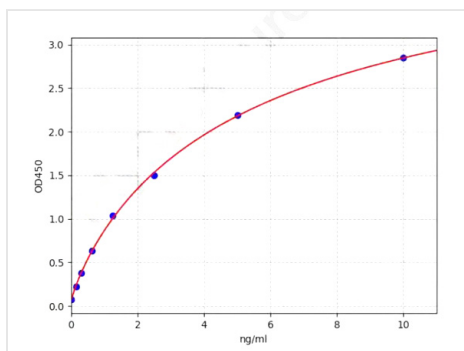
PRODUCT SYNONYMS

DDX58 (DEAD box protein 58); Human DDX58 (DEAD box protein 58) ELISA Kit; Antiviral innate immune response receptor RIG-I; DEAD box protein 58; Probable ATP-dependent RNA helicase DDX58; RIG-I-like receptor 1; RLR-1; Retinoic acid-inducible gene 1 protein; RIG-1; Retinoic acid-inducible gene I protein; RIG-I; DDX58; DDX58 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DDX58. No significant cross-reactivity or interference between DDX58 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDX58 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27881482
NCBI GeneID	23586
NCBI Accession #	NP_055129.2
NCBI GenBank Nucleotide #	NM_014314.3
UniProt Accession #	O95786; Q5HYE1; Q5VYT1; Q9NT04; A2RU81
Molecular Weight	925
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)
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.