

Human ATP-dependent RNA helicase DDX42 ELISA Kit | DDX42 elisa kit

Human ATP-dependent RNA helicase DDX42 ELISA Kit

CATALOG #
AAA100175

REACTIVITY
Human

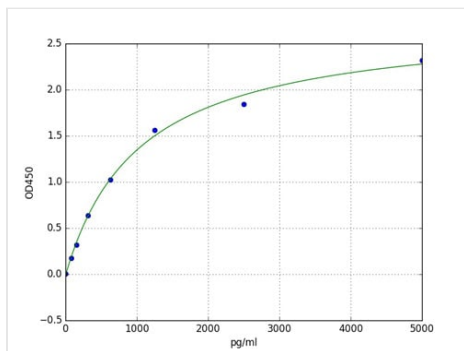
PRODUCT SYNONYMS

ATP-dependent RNA helicase DDX42; Human ATP-dependent RNA helicase DDX42 ELISA Kit; DDX42/ATP-dependent RNA helicase DDX42/Splicing factor 3B-associated 125 kDa protein/SF3b125/SF3b DEAD box protein/RNA helicase-related protein/RNAHP/DEAD box protein 42/RNA helicase-like protein/RHELP; DDX42 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	938
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human DDX42 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.021	0.120	0.211	0.380	0.701	1.226	1.998	2.916

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDX42 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human DDX42 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DDX42 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human DDX42 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DDX42 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45446747
NCBI GeneID	11325
NCBI Accession #	NP_987095.1
NCBI GenBank Nucleotide #	NM_203499.2
Molecular Weight	90,068 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX42
NCBI Official Synonym Full Names	DEAD-box helicase 42
NCBI Official Symbol	DDX42
NCBI Official Synonym Symbols	RHELP; RNAHP; SF3B8; DDX42P; SF3b125
NCBI Protein Information	ATP-dependent RNA helicase DDX42
UniProt Protein Name	ATP-dependent RNA helicase DDX42
UniProt Gene Name	DDX42
UniProt Synonym Gene Names	RHELP; RNAHP; SF3b125
UniProt Entry Name	DDX42_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/human-elisa-kits/atp-dependent-rna-helicase-ddx42/100175>