

Human Double-stranded RNA-specific adenosine deaminase ELISA Kit | ADAR elisa kit

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CATALOG #
AAA196142

REACTIVITY
Human

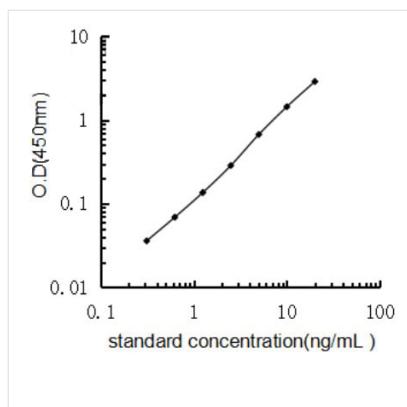
PRODUCT SYNONYMS

Double-stranded RNA-specific adenosine deaminase; Human Double-stranded RNA-specific adenosine deaminase ELISA Kit; DRADA; 136 kDa double-stranded RNA-binding protein; p136; Interferon-inducible protein 4; IFI-4; K88DSRBP; ADAR; ADAR1; DSRAD;; ADAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human DRADA
Sequence Length	1152
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.182 ng/mL
Intra-assay Precision	<=6.1%
Inter-assay Precision	<=8.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAR elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371679
NCBI GeneID	56417
NCBI Accession #	NP_062629.3
NCBI GenBank Nucleotide #	NM_019655.3
Molecular Weight	102,580 Da
NCBI Official Full Name	double-stranded RNA-specific adenosine deaminase isoform 1
NCBI Official Synonym Full Names	adenosine deaminase, RNA-specific
NCBI Official Symbol	Adar
NCBI Official Synonym Symbols	Adar1; mZaADAR; AV242451; Adar1p110; Adar1p150
NCBI Protein Information	double-stranded RNA-specific adenosine deaminase
UniProt Protein Name	Double-stranded RNA-specific adenosine deaminase
UniProt Gene Name	Adar
UniProt Synonym Gene Names	DRADA
UniProt Entry Name	DSRAD_MOUSE

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/adar-human-elisa-kits/double-stranded-rna-specific-adenosine-deaminase/196142>