

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

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CATALOG # AAA123514	REACTIVITY Human
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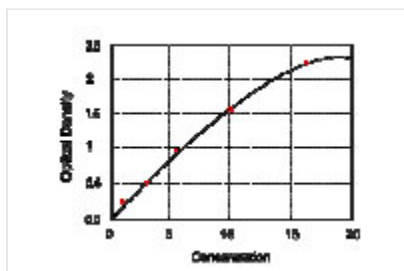
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1152
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15-3000ng/L
Sensitivity	6.92ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAR elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Double-stranded RNA-specific adenosine deaminase (also known as ADAR) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ADAR antibody. ADAR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ADAR Antibody is added and binds to ADAR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADAR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ADAR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371679
NCBI GeneID	56417
NCBI GenBank Nucleotide #	NP_062629.3
UniProt Accession #	Q99MU3
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; DRADA; 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/human-elisa-kits/double-stranded-rna-specific-adenosine-deaminase-adar/123514>