

Mouse 2'-5'-oligoadenylate synthase 1A ELISA Kit | Oas1a elisa kit

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CATALOG #
AAA56175

REACTIVITY
Mouse

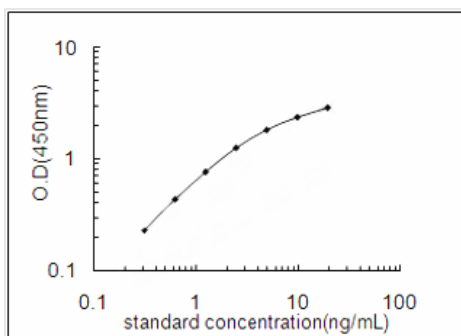
PRODUCT SYNONYMS

2'-5'-oligoadenylate synthase 1A; Mouse 2'-5'-oligoadenylate synthase 1A ELISA Kit; Oas1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse (2-5')oligo(A) synthase 1A. No significant cross-reactivity or interference was observed.
Sequence Length	358
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.159 ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.1%
Recovery	92%
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 Oas1a elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to (2-5')oligo(A) synthase 1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for (2-5')oligo(A) synthase 1A and 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 (2-5')oligo(A) synthase 1A, 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 (2-5')oligo(A) synthase 1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281332108
NCBI GeneID	246730
NCBI Accession #	NP_660212.2
NCBI GenBank Nucleotide #	NM_145211.2
UniProt Accession #	P11928; Q3UEC1; Q64440; Q91VI0; F2Z419
Molecular Weight	42,429 Da
NCBI Official Full Name	2'-5'-oligoadenylate synthase 1A
NCBI Official Synonym Full Names	2'-5' oligoadenylate synthetase 1A
NCBI Official Symbol	Oas1a
NCBI Official Synonym Symbols	L3
NCBI Protein Information	2'-5'-oligoadenylate synthase 1A
UniProt Protein Name	2'-5'-oligoadenylate synthase 1A
UniProt Gene Name	Oas1a
UniProt Synonym Gene Names	Oias1; (2-5')oligo(A) synthase 1A; 2-5A synthase 1A
UniProt Entry Name	OAS1A_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/oas1a-mouse-elisa-kits/2-5-oligoadenylate-synthase-1a/56175>