

Monkey 2, 5-OAS (2, 5-oligoadenylate synthetase) ELISA Kit | 2, 5-OAS elisa kit

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CATALOG #
AAA27530

REACTIVITY
Monkey

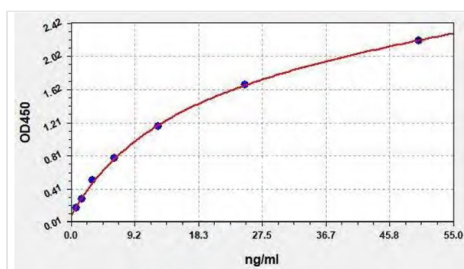
PRODUCT SYNONYMS

2, 5-OAS (2, 5-oligoadenylate synthetase); Monkey 2, 5-oligoadenylate synthetase) ELISA Kit; 5-OAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of 2, 5-OAS. No significant cross-reactivity or interference between 2, 5-OAS and analogues was observed.
Sequence Length	1087
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 2, 5-OAS 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45007007
NCBI GeneID	4940
NCBI Accession #	NP_006178.2
NCBI GenBank Nucleotide #	NM_006187.3
UniProt Accession #	Q9Y6K5; Q2HJ14; Q9H3P5
Molecular Weight	121,170 Da
NCBI Official Full Name	2'-5'-oligoadenylate synthase 3
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 3
NCBI Official Symbol	OAS3
NCBI Official Synonym Symbols	p100; p100OAS
NCBI Protein Information	2'-5'-oligoadenylate synthase 3
UniProt Protein Name	2'-5'-oligoadenylate synthase 3
UniProt Gene Name	OAS3
UniProt Synonym Gene Names	(2-5')oligo(A) synthase 3; 2-5A synthase 3; p100OAS

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/monkey-elisa-kits/2-5-oas-2-5-oligoadenylate-synthetase/27530>