

Human 2'-5'-oligoadenylate synthase 2 ELISA Kit | OAS2 elisa kit

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CATALOG #
AAA100634

REACTIVITY
Human

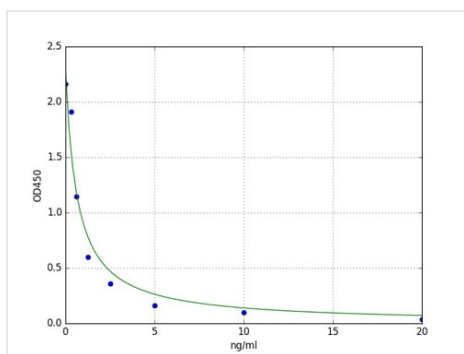
PRODUCT SYNONYMS

2'-5'-oligoadenylate synthase 2; Human 2'-5'-oligoadenylate synthase 2 ELISA Kit; OAS2/p69 OAS/p71 OAS/ (2-5')oligo (A) synthase 2/2-5A synthase 2; OAS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	742
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 NPPC/CNP/CNP2 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	62.5	125	250	500	1000	2000	4000
Y	OD450	2.445	1.992	1.688	1.284	0.901	0.644	0.433	0.347

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OAS2 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human NPPC/CNP/CNP2. During the reaction, Human NPPC/CNP/CNP2 in the sample or standard competes with a fixed amount of Human NPPC/CNP/CNP2 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human NPPC/CNP/CNP2. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human NPPC/CNP/CNP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170650681
NCBI GeneID	246728
NCBI Accession #	NP_660262.2
NCBI GenBank Nucleotide #	NM_145227.3
Molecular Weight	86,285 Da
NCBI Official Full Name	2'-5'-oligoadenylate synthase 2
NCBI Official Synonym Full Names	2'-5' oligoadenylate synthetase 2
NCBI Official Symbol	Oas2
NCBI Official Synonym Symbols	Oasl11
NCBI Protein Information	2'-5'-oligoadenylate synthase 2
UniProt Protein Name	2'-5'-oligoadenylate synthase 2
UniProt Gene Name	Oas2
UniProt Synonym Gene Names	oasl11; (2-5')oligo(A) synthase 2; 2-5A synthase 2
UniProt Entry Name	OAS2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/oas2-human-elisa-kits/2-5-oligoadenylate-synthase-2/100634>