

Human OAS1 (2', 5'-Oligoadenylate Synthetase 1) ELISA Kit | OAS1 elisa kit

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CATALOG #
AAA271482

REACTIVITY
Human

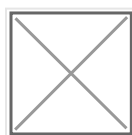
PRODUCT SYNONYMS

OAS1 (2'; 5'-Oligoadenylate Synthetase 1); Human OAS1 (2'; 5'-Oligoadenylate Synthetase 1) ELISA Kit; 2; 5OAS1; 25-OAS1; OAS1; IFI-4; OIAS; OIASI; E18/E16; OAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human OAS1. No significant cross-reactivity or interference between Human OAS1 and analogues was observed.
Assay Type	Sandwich
Detection Range	4.69-300 ng/mL
Sensitivity	1.9 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OAS1 elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to 2',5'-Oligoadenylate Synthetase 1(OAS1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 2',5'-Oligoadenylate Synthetase 1(OAS1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain 2',5'-Oligoadenylate Synthetase 1(OAS1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of 2',5'-Oligoadenylate Synthetase 1(OAS1) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for OAS1 elisa kit	Enzyme & Kinase

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/oas1-2-5-oligoadenylate-synthetase-1/271482>