

Human 2',5'-Oligoadenylate Synthetase Like Protein (OASL) ELISA Kit | OASL elisa kit

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CATALOG #
AAA67842

REACTIVITY
Human

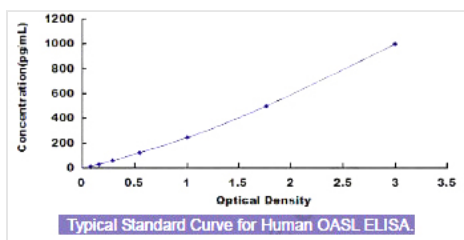
PRODUCT SYNONYMS

2'; 5'-Oligoadenylate Synthetase Like Protein (OASL); Human 2'; 5'-Oligoadenylate Synthetase Like Protein (OASL) ELISA Kit; TRIP14; p59OASL; 59 kDa 2'-5'-oligoadenylate synthase-like protein; Thyroid receptor-interacting protein 14; OASL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OASL. No significant cross-reactivity or interference between OASL and analogues was observed.
Sequence Length	384
Samples	Serum, plasma, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OASL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OASL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OASL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OASL in human serum, plasma, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OASL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OASL. 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 OASL, 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 OASL 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 #	387849330
NCBI GeneID	8638
NCBI Accession #	NP_001248754.1
NCBI GenBank Nucleotide #	NM_001261825.1
UniProt Accession #	Q15646; O75686; Q17R95; Q9Y6K6; Q9Y6K7; B2RAZ2; I1YDD2
Molecular Weight	43,942 Da
NCBI Official Full Name	2'-5'-oligoadenylate synthase-like protein isoform c
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase like
NCBI Official Symbol	OASL
NCBI Official Synonym Symbols	OASLd; TRIP14; TRIP-14; p59OASL; p59 OASL; p59-OASL
NCBI Protein Information	2'-5'-oligoadenylate synthase-like protein
UniProt Protein Name	2'-5'-oligoadenylate synthase-like protein
UniProt Gene Name	OASL
UniProt Synonym Gene Names	TRIP14; 2'-5'-OAS-RP; TR-interacting protein 14; TRIP-14; p59OASL

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/25-oligoadenylate-synthetase-like-protein-oasl/67842>