

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

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CATALOG #
AAA186905

REACTIVITY
Human

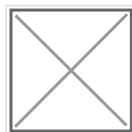
PRODUCT SYNONYMS

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 2',5'-Oligoadenylate Synthetase Like Protein (OASL). No significant cross-reactivity or interference between 2',5'-Oligoadenylate Synthetase Like Protein (OASL) and analogues was observed.
Sequence Length	384
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Cell Lysates and Other Biological Fluids
Detection Range	15.62-1000pg/mL
Sensitivity	< 6.8pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level 2',5'-Oligoadenylate Synthetase Like Protein (OASL) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level 2',5'-Oligoadenylate Synthetase Like Protein (OASL) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OASL elisa kit	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 Like Protein (OASL). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to 2',5'-Oligoadenylate Synthetase Like Protein (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 2',5'-Oligoadenylate Synthetase Like Protein (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 2',5'-Oligoadenylate Synthetase Like Protein (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	OASL1; 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-oas/186905>