

Human Anti-AlaRS ELISA Kit | AlaRS/PL12 elisa kit

Human Anti-AlaRS (Anti-Alanyl-tRNA Synthetase/Anti-PL12-Antibody) ELISA Kit

CATALOG #
AAA163764

REACTIVITY
Human

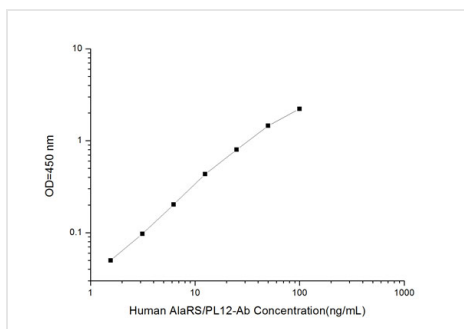
PRODUCT SYNONYMS

Anti-AlaRS; Human Anti-AlaRS (Anti-Alanyl-tRNA Synthetase/Anti-PL12-Antibody) ELISA Kit; AlaRS/PL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human Anti-AlaRS/Anti-PL12. No significant cross-reactivity or interference between Human Anti-AlaRS/Anti-PL12 and analogues was observed.
Sequence Length	963
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AlaRS/PL12 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human Anti-AlaRS/Anti-PL12 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antigen specific to Anti-AlaRS/Anti-PL12. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antigen. Then a biotinylated detection antigen specific for Anti-AlaRS/Anti-PL12 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Anti-AlaRS/Anti-PL12, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Anti-AlaRS/Anti-PL12. You can calculate the concentration of Anti-AlaRS/Anti-PL12 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334183197
NCBI GeneID	841442
NCBI Accession #	NP_001185186.1
NCBI GenBank Nucleotide #	NM_001198257.1
UniProt Accession #	P36428; O04159; Q8GUG2; Q9SX40
Molecular Weight	105,172 Da
NCBI Official Full Name	Alanyl-tRNA synthetase
NCBI Official Symbol	ALATS
NCBI Official Synonym Symbols	ACD; Alanyl-tRNA synthetase; ALARS; ALATS; F14I3.17; F14I3_17
NCBI Protein Information	Alanyl-tRNA synthetase
UniProt Protein Name	Alanine--tRNA ligase
UniProt Gene Name	ALATS
UniProt Entry Name	SYA_ARATH

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://www.aaabiotech.com/alars-pl12-human-elisa-kits/anti-alars/163764>