

Human Alanyl tRNA synthetase, cytoplasmic (AARS) ELISA Kit | AARS elisa kit

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CATALOG #
AAA246736

REACTIVITY
Human

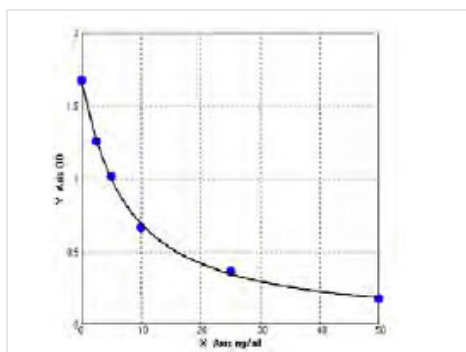
PRODUCT SYNONYMS

Alanyl tRNA synthetase; cytoplasmic (AARS); Human Alanyl tRNA synthetase; cytoplasmic (AARS) ELISA Kit; AARS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AARS elisa kit

Intended Uses: This AACT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine AACT. This ELISA kit for research use only!

Principle of the Assay: AACT ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-AACT antibody and an AACT-HRP conjugate. The assay sample and buffer are incubated together with AACT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AACT concentration since AACT from samples and AACT-HRP conjugate compete for the anti-AACT antibody binding site. Since the number of sites is limited, as more sites are occupied by AACT from the sample, fewer sites are left to bind AACT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AACT concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AARS elisa kit

[Epigenetics and Nuclear Signaling](#)

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/human-elisa-kits/alanyl-trna-synthetase-cytoplasmic-aars/246736>