

Chicken Acetoacetyl-CoA synthetase (AACS) ELISA Kit | AACS elisa kit

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CATALOG #
AAA247008

REACTIVITY
Chicken

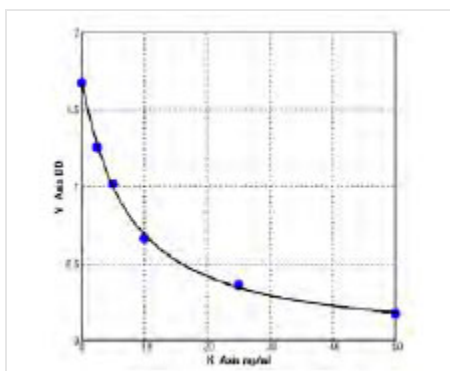
PRODUCT SYNONYMS

Acetoacetyl-CoA synthetase (AACS); Chicken Acetoacetyl-CoA synthetase (AACS) ELISA Kit; AACS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AACS elisa kit

Intended Uses: This A2R1Abs ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanA2R1Abs. This ELISA kit for research use only!

Principle of the Assay: A2R1Abs ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-A2R1Abs antibody and an A2R1Abs-HRP conjugate. The assay sample and buffer are incubated together with A2R1Abs-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 A2R1Abs concentration since A2R1Abs from samples and A2R1Abs-HRP conjugate compete for the anti-A2R1Abs antibody binding site. Since the number of sites is limited, as more sites are occupied by A2R1Abs from the sample, fewer sites are left to bind A2R1Abs-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The A2R1Abs concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AACS elisa kit

[Cell Biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982927
NCBI GeneID	65985
NCBI Accession #	NP_076417.2
NCBI GenBank Nucleotide #	NM_023928.3
Molecular Weight	30,061 Da
NCBI Official Full Name	acetoacetyl-CoA synthetase
NCBI Official Synonym Full Names	acetoacetyl-CoA synthetase
NCBI Official Symbol	AACS
NCBI Official Synonym Symbols	ACSF1; SUR-5
NCBI Protein Information	acetoacetyl-CoA synthetase; protein sur-5 homolog; acetoacetate-CoA ligase; acyl-CoA synthetase family member 1; homolog of C. elegans supressor of ras 5 (sur-5)
UniProt Protein Name	Acetoacetyl-CoA synthetase
UniProt Gene Name	AACS
UniProt Synonym Gene Names	ACSF1
UniProt Entry Name	AACS_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/chicken-elisa-kits/acetoacetyl-coa-synthetase-aacs/247008>