

Porcine Malonyl CoA ELISA Kit | Malonyl CoA elisa kit

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CATALOG #
AAA97524

REACTIVITY
Porcine

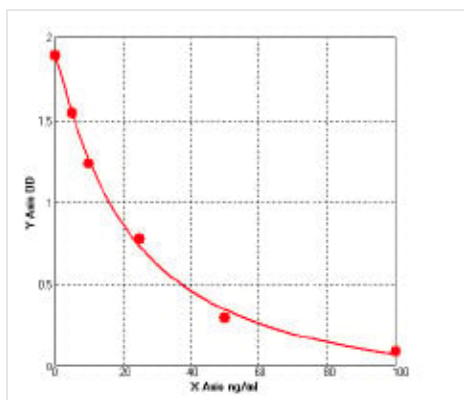
PRODUCT SYNONYMS

Malonyl CoA; Porcine Malonyl CoA ELISA Kit; Malonyl CoA elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Malonyl CoA elisa kit

Intended Uses: This MAGEA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MAGEA1. This ELISA kit for research use only!

Principle of the Assay: MAGEA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MAGEA1 antibody and an MAGEA1-HRP conjugate. The assay sample and buffer are incubated together with MAGEA1-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 MAGEA1 concentration since MAGEA1 from samples and MAGEA1-HRP conjugate compete for the anti-MAGEA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MAGEA1 from the sample, fewer sites are left to bind MAGEA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAGEA1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409250538
NCBI Accession #	YP_006886348.1
NCBI GenBank Nucleotide #	NT_187103.1
Molecular Weight	32,405 Da
NCBI Official Full Name	malonyl-CoA
UniProt Protein Name	Malonyl CoA-acyl carrier protein transacylase
UniProt Gene Name	fabD
UniProt Synonym Gene Names	SENTW_2059
UniProt Entry Name	E9A321_SALET

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/porcine-elisa-kits/malonyl-coa/97524>