

Rat AMACR ELISA Kit | AMACR elisa kit

Rat AMACR(Alpha-methylacyl-CoA racemase) ELISA Kit

CATALOG #
AAA166068

REACTIVITY
Rat

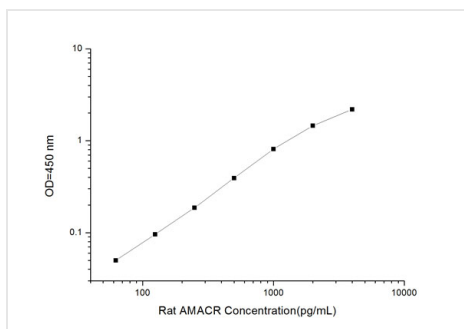
PRODUCT SYNONYMS

AMACR; Rat AMACR(Alpha-methylacyl-CoA racemase) ELISA Kit; AMACR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatAMACR. No significant cross-reactivity or interference between RatAMACR and analogues was observed.
Sequence Length	198
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMACR elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatAMACRconcentrations 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 antibody specific to AMACR. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for AMACRand 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 AMACR, biotinylated detection antibody 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 AMACR.You can calculate the concentration of AMACRin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42822893
NCBI GeneID	23600
NCBI Accession #	NP_976316.1
NCBI GenBank Nucleotide #	NM_203382.2
Molecular Weight	43,860 Da
NCBI Official Full Name	alpha-methylacyl-CoA racemase isoform 2
NCBI Official Synonym Full Names	alpha-methylacyl-CoA racemase
NCBI Official Symbol	AMACR
NCBI Official Synonym Symbols	RM; RACE; CBAS4; AMACRD
NCBI Protein Information	alpha-methylacyl-CoA racemase; 2-methylacyl-CoA racemase
UniProt Protein Name	Alpha-methylacyl-CoA racemase
UniProt Gene Name	AMACR
UniProt Entry Name	AMACR_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/amacr/166068>