

Human Alpha 2 macroglobulin receptor associated protein ELISA Kit | Alpha2 MRAP elisa kit

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CATALOG #

AAA86777

REACTIVITY

Human

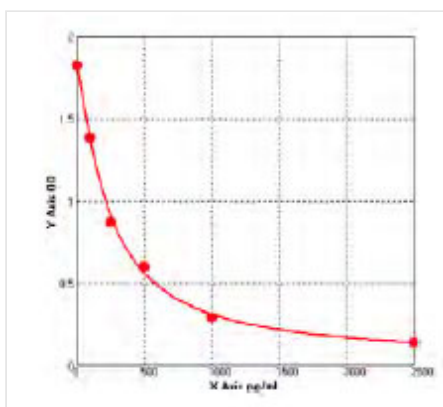
PRODUCT SYNONYMS

Alpha 2 macroglobulin receptor associated protein; Human Alpha 2 macroglobulin receptor associated protein ELISA Kit; Alpha2 MRAP 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 Alpha2 MRAP elisa kit	Intended Uses: This Alpha-2-MRAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Alpha-2-MRAP. This ELISA kit for research use only! Principle of the Assay: Alpha-2-MRAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Alpha-2-MRAP antibody and an Alpha-2-MRAP-HRP conjugate. The assay sample and buffer are incubated together with Alpha-2-MRAP-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 Alpha-2-MRAP concentration since Alpha-2-MRAP from samples and Alpha-2-MRAP-HRP conjugate compete for the anti-Alpha-2-MRAP antibody binding site. Since the number of sites is limited, as more sites are occupied by Alpha-2-MRAP from the sample, fewer sites are left to bind Alpha-2-MRAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Alpha-2-MRAP concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505021
NCBI GeneID	4043
NCBI Accession #	NP_002328.1
NCBI GenBank Nucleotide #	NM_002337.3
Molecular Weight	41,466 Da
NCBI Official Full Name	alpha-2-macroglobulin receptor-associated protein
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein associated protein 1
NCBI Official Symbol	LRPAP1
NCBI Official Synonym Symbols	RAP; MRAP; A2RAP; HBP44; MYP23; A2MRAP; alpha-2-MRAP
NCBI Protein Information	alpha-2-macroglobulin receptor-associated protein; 39 kDa receptor-associated protein; low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1)
UniProt Protein Name	Alpha-2-macroglobulin receptor-associated protein
UniProt Gene Name	LRPAP1
UniProt Synonym Gene Names	A2MRAP; Alpha-2-MRAP; RAP
UniProt Entry Name	AMRP_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/alpha2-mrap-human-elisa-kits/alpha-2-macroglobulin-receptor-associated-protein/86777>