

Rat apolipoprotein A-I ELISA Kit | APOA1 elisa kit

Rat apolipoprotein A1, Apo-A1 ELISA Kit

CATALOG #
AAA15492

REACTIVITY
Rat

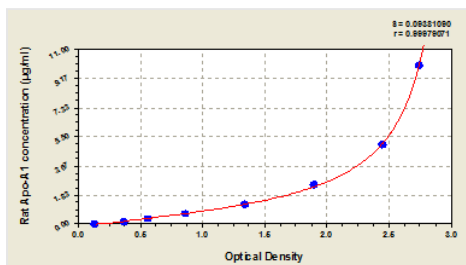
PRODUCT SYNONYMS

apolipoprotein A-I; Rat apolipoprotein A1; Apo-A1 ELISA Kit; Rat apolipoprotein A1 (Apo-A1) ELISA Kit; MGC117399; OTTHUMP00000069346; OTTHUMP00000069347; OTTHUMP00000069348; APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Apo-A1. No significant cross-reactivity or interference between rat Apo-A1 and analogues was observed.
Sequence Length	265
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.14 ng/ml-100 ng/ml
Sensitivity	< 0.14 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Apo-A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Apo-A1 present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for Apo-A1 is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Apo-A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156119342
NCBI GeneID	100009253
NCBI Accession #	NP_001095157.1
NCBI GenBank Nucleotide #	NM_001101687.1
UniProt Accession #	P09809
Molecular Weight	30,591 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI; apoA-I; apolipoprotein A1
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_RABIT

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://stage.aaabiotech.com/apoa1-rat-elisa-kits/apolipoprotein-a-i/15492>