

Mouse Coronin-1A ELISA Kit | Coro1a elisa kit

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CATALOG #
AAA98895

REACTIVITY
Mouse

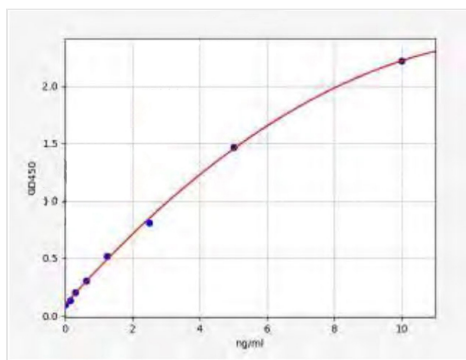
PRODUCT SYNONYMS

Coronin-1A; Mouse Coronin-1A ELISA Kit; Coro1a/Clabp/Lmb3/TACO/p57; Coro1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize CORO1A, no obvious cross reaction with other analogues
Sequence Length	461
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Coro1a elisa kit	Background: Coronin-1A is a member of the coronin family of actin-binding proteins, which regulate cytoskeletal dynamics, cell motility, and immune cell functions. It is predominantly expressed in hematopoietic cells, such as lymphocytes and macrophages, where it plays a role in cell migration, phagocytosis, and T cell activation. Coronin-1A interacts with actin filaments, signaling proteins, and other cytoskeletal regulators, coordinating cytoskeletal rearrangements and cell responses to extracellular stimuli. It is implicated in immune cell development, host defense, and inflammatory responses. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CORO1A antibody was pre-coated onto the 96-well plate. The biotin conjugated anti CORO1A antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CORO1A conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CORO1A in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300934762
NCBI GeneID	11151
NCBI Accession #	NP_001180262.1
NCBI GenBank Nucleotide #	NM_001193333.2
Molecular Weight	51,026 Da
NCBI Official Full Name	coronin-1A
NCBI Official Synonym Full Names	coronin 1A
NCBI Official Symbol	CORO1A
NCBI Official Synonym Symbols	p57; IMD8; TACO; CLABP; HCORO1; CLIPINA
NCBI Protein Information	coronin-1A
UniProt Protein Name	Coronin-1A
UniProt Gene Name	CORO1A
UniProt Synonym Gene Names	CORO1; Clipin-A; TACO
UniProt Entry Name	COR1A_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/coro1a-mouse-elisa-kits/coronin-1a/98895>