

Monkey Caprin-1 (CAPRIN1) ELISA Kit | CAPRIN1 elisa kit

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CATALOG #
AAA244722

REACTIVITY
Monkey

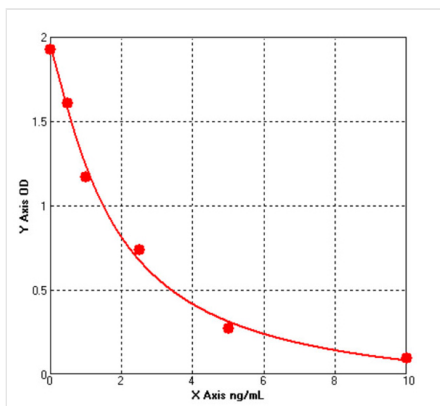
PRODUCT SYNONYMS

Caprin-1 (CAPRIN1); Monkey Caprin-1 (CAPRIN1) ELISA Kit; CAPRIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CAPRIN1. No significant cross-reactivity or interference between CAPRIN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CAPRIN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This Caprin-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Caprin-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAPRIN1 elisa kit	Principle of the Assay: CAPRIN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CAPRIN1 antibody and an CAPRIN1-HRP conjugate. The assay sample and buffer are incubated together with CAPRIN1-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 CAPRIN1 concentration since CAPRIN1 from samples and CAPRIN1-HRP conjugate compete for the anti-CAPRIN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CAPRIN1 from the sample, fewer sites are left to bind CAPRIN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAPRIN1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CAPRIN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CAPRIN1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CAPRIN1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	42734503
NCBI GeneID	4076
NCBI Accession #	NP_976240.1
NCBI GenBank Nucleotide #	NM_203364.2
Molecular Weight	76,862 Da
NCBI Official Full Name	caprin-1 isoform 2
NCBI Official Synonym Full Names	cell cycle associated protein 1
NCBI Official Symbol	CAPRIN1
NCBI Official Synonym Symbols	M11S1; GPIAP1; RNG105; GPIP137; GRIP137; p137GPI
NCBI Protein Information	caprin-1; GPI-p137; caprin 1; RNA granule protein 105; GPI-anchored protein p137; GPI-anchored membrane protein 1; cell cycle-associated protein 1; activation/proliferation-associated protein 1; membrane component chromosome 11 surface marker 1; membrane component, chromosome 11, surface marker 1; cytoplasmic activation/proliferation-associated protein-1; cytoplasmic activation- and proliferation-associated protein 1
UniProt Protein Name	Caprin-1
UniProt Gene Name	CAPRIN1
UniProt Synonym Gene Names	GPIAP1; GPIP137; M11S1; RNG105; GPI-p137; p137GPI
UniProt Entry Name	CAPR1_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/monkey-elisa-kits/caprin-1-caprin1/244722>