

Canine Coronin-1A (CORO1A) ELISA Kit | CORO1A elisa kit

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CATALOG #
AAA245075

REACTIVITY
Canine

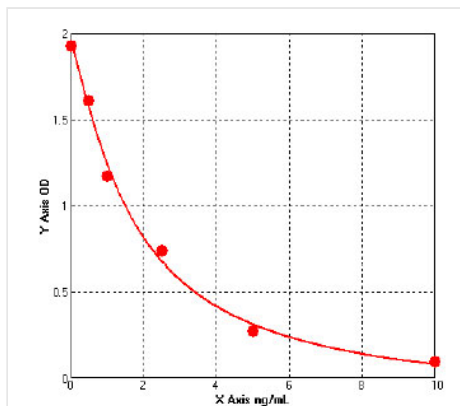
PRODUCT SYNONYMS

Coronin-1A (CORO1A); Canine Coronin-1A (CORO1A) ELISA Kit; CORO1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of CORO1A. No significant cross-reactivity or interference between CORO1A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CORO1A 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORO1A elisa kit	Principle of the Assay: CORO1A ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CORO1A antibody and an CORO1A-HRP conjugate. The assay sample and buffer are incubated together with CORO1A-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 CORO1A concentration since CORO1A from samples and CORO1A-HRP conjugate compete for the anti-CORO1A antibody binding site. Since the number of sites is limited, as more sites are occupied by CORO1A from the sample, fewer sites are left to bind CORO1A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CORO1A concentration in each sample is interpolated from this standard curve. Intended Uses: This CORO1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CORO1A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CORO1A elisa kit	Signal Transduction

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, actin binding protein, 1A
NCBI Official Symbol	CORO1A
NCBI Official Synonym Symbols	p57; IMD8; TACO; CLABP; HCORO1; CLIPINA
NCBI Protein Information	coronin-1A; clipin-A; coronin-like protein A; coronin-like protein p57; tryptophan aspartate-containing coat protein
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/canine-elisa-kits/coronin-1a-coro1a/245075>