

Mouse Coiled-coil domain-containing protein 3 (CCDC3) ELISA Kit | CCDC3 elisa kit

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CATALOG #
AAA246014

REACTIVITY
Mouse

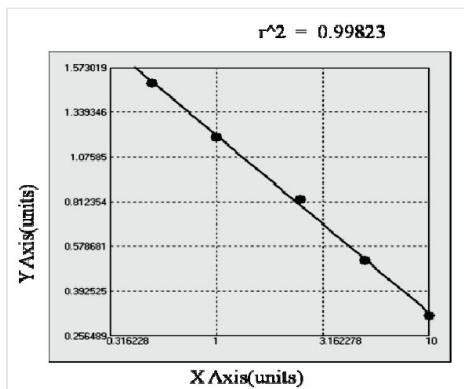
PRODUCT SYNONYMS

Coiled-coil domain-containing protein 3 (CCDC3); Mouse Coiled-coil domain-containing protein 3 (CCDC3) ELISA Kit; CCDC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CCDC3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCDC3. 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 CCDC3 elisa kit

Principle of the assay: CCDC3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCDC3 antibody and an CCDC3-HRP conjugate. The assay sample and buffer are incubated together with CCDC3-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 CCDC3 concentration since CCDC3 from samples and CCDC3-HRP conjugate compete for the anti-CCDC3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCDC3 from the sample, fewer sites are left to bind CCDC3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCDC3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13899293
NCBI GeneID	83643
NCBI Accession #	NP_113643.1
NCBI GenBank Nucleotide #	NM_031455.3
Molecular Weight	16,864 Da
NCBI Official Full Name	coiled-coil domain-containing protein 3 isoform 1
NCBI Official Synonym Full Names	coiled-coil domain containing 3
NCBI Official Symbol	CCDC3
NCBI Protein Information	coiled-coil domain-containing protein 3; favine; fat/vessel-derived secretory protein
UniProt Protein Name	Coiled-coil domain-containing protein 3
UniProt Gene Name	CCDC3
UniProt Synonym Gene Names	Favine
UniProt Entry Name	CCDC3_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/mouse-elisa-kits/coiled-coil-domain-containing-protein-3-ccdc3/246014>