

Human Coiled Coil Domain Containing Protein 3 (CCDC3) ELISA Kit | CCDC3 elisa kit

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CATALOG #
AAA187977

REACTIVITY
Human

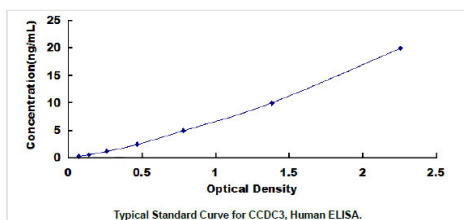
PRODUCT SYNONYMS

Coiled Coil Domain Containing Protein 3 (CCDC3); Human Coiled Coil Domain Containing Protein 3 (CCDC3) ELISA Kit; Favine; Fat/Vessel-Derived Secretory Protein; CCDC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCDC3. No significant cross-reactivity or interference between CCDC3 and analogues was observed.
Sequence Length	145
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.127ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCDC3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCDC3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCDC3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCDC3 in human serum, plasma, tissue homogenatesand other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CCDC3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CCDC3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CCDC3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CCDC3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13899293
NCBI GeneID	83643
NCBI Accession #	NP_113643.1
NCBI GenBank Nucleotide #	NM_031455.3
UniProt Accession #	Q9BQI4; Q5VYV8; Q5VYV9
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
UniProt Protein Name	Coiled-coil domain-containing protein 3
UniProt Gene Name	CCDC3
UniProt Synonym Gene Names	Favine

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/human-elisa-kits/coiled-coil-domain-containing-protein-3-ccdc3/187977>