

Mouse vinculin ELISA Kit | VCL elisa kit

Mouse Vinculin, VCL ELISA Kit

CATALOG #
AAA112999

REACTIVITY
Mouse

PRODUCT SYNONYMS

vinculin; Mouse Vinculin; VCL ELISA Kit; Mouse Vinculin (VCL) ELISA kit; RP11-178G16.3; CMD1W; MVCL; metavinculin; VCL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse VCL. No significant cross-reactivity or interference between mouse VCL and analogues was observed.
Sequence Length	1066
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	28.1 pg/ml -1800 pg/ml.
Sensitivity	Typically less than 7.03 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for VCL elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VCL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VCL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VCL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VCL bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543942
NCBI GeneID	22330
NCBI Accession #	NP_033528.3
NCBI GenBank Nucleotide #	NM_009502.4
UniProt Accession #	Q64727 ; Q8BP32 ; Q8BS46 ; Q922C5 ; Q922D9
Molecular Weight	116,717 Da

NCBI Official Full Name	vinculin
NCBI Official Synonym Full Names	vinculin
NCBI Official Symbol	Vcl
NCBI Official Synonym Symbols	AA571387; AI462105; AW545629; 9430097D22
NCBI Protein Information	vinculin; metavinculin
UniProt Protein Name	Vinculin
UniProt Gene Name	Vcl
UniProt Entry Name	VINC_MOUSE

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://www.aaabiotech.com/vcl-mouse-elisa-kits/vinculin/112999>