

Human vinculin, VCL ELISA Kit | VCL elisa kit

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CATALOG #
AAA41325

REACTIVITY
Human

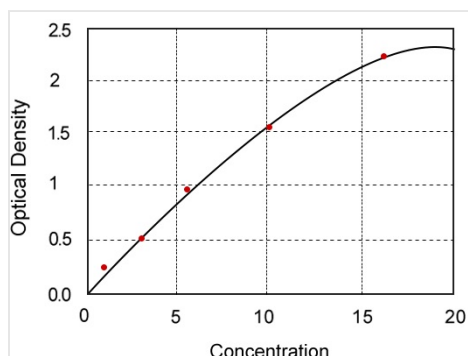
PRODUCT SYNONYMS

vinculin; VCL; Human vinculin; VCL ELISA Kit; VCL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	130
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.028ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VCL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Vinculin (also known as VCL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human VCL antibody. VCL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human VCL Antibody is added and binds to VCL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VCL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human VCL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	246714
NCBI GeneID	7414
UniProt Accession #	P18206; Q16450; Q5SWX2; Q7Z3B8; Q8IXU7
Molecular Weight	116,722 Da
NCBI Official Full Name	vinculin, partial
NCBI Official Synonym Full Names	vinculin
NCBI Official Symbol	VCL
NCBI Official Synonym Symbols	MV; MVCL; CMD1W; CMH15; HEL114
NCBI Protein Information	vinculin
UniProt Protein Name	Vinculin
UniProt Gene Name	VCL
UniProt Synonym Gene Names	MV

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/vinculin-vcl/41325>