

Human CDH15/ Cadherin-15 (CDH15) ELISA Kit | CDH15 elisa kit

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CATALOG #
AAA219776

REACTIVITY
Human

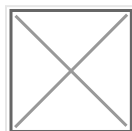
PRODUCT SYNONYMS

CDH15/ Cadherin-15 (CDH15); Human CDH15/ Cadherin-15 (CDH15) ELISA Kit; Cadherin-15; Cadherin-14; Muscle cadherin (M-cadherin); CDH14; CDH3; CDH15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDH15. No significant cross-reactivity or interference between CDH15 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.125ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CDH15 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 CDH15 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH15 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CDH15. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CDH15. 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 CDH15, 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 $\pm$ 10nm. The concentration of CDH15 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CDH15 in human serum, plasma, tissue homogenates or other biological fluids.

Product Categories/Family for CDH15 elisa kit

[Traditional ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826669
NCBI GeneID	1013
NCBI Accession #	NP_004924.1
NCBI GenBank Nucleotide #	NM_004933.2
UniProt Accession #	P55291
Molecular Weight	88,916 Da
NCBI Official Full Name	cadherin-15 preproprotein
NCBI Official Synonym Full Names	cadherin 15, type 1, M-cadherin (myotubule)
NCBI Official Symbol	CDH15
NCBI Official Synonym Symbols	CDH3; CDHM; MCAD; MRD3; CDH14
NCBI Protein Information	cadherin-15; cadherin-3; cadherin-14; muscle-cadherin
UniProt Protein Name	Cadherin-15
UniProt Gene Name	CDH15
UniProt Synonym Gene Names	CDH14; CDH3; M-cadherin
UniProt Entry Name	CAD15_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/human-elisa-kits/cdh15-cadherin-15-cdh15/219776>