

Human cadherin 13, H-cadherin (heart) ELISA Kit | CDH13 elisa kit

Human H-Cadherin, H-Cad/CDH13 ELISA Kit

CATALOG #
AAA15454

REACTIVITY
Human

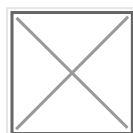
PRODUCT SYNONYMS

cadherin 13; H-cadherin (heart); Human H-Cadherin; H-Cad/CDH13 ELISA Kit; CDHH; H-cadherin; P105; T-cad; T-cadherin; heart-cadherin; truncated-cadherin; CDH13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDH13. No significant cross-reactivity or interference between Human CDH13 and analogues was observed.
Sequence Length	674
Samples	Serum, plasma and tissue homogenates
Assay Type	Sandwich
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	0.312 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH13 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for H-Cad/CDH13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any H-Cad/CDH13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for H-Cad/CDH13 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 H-Cad/CDH13 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333944018
NCBI GeneID	1012
NCBI Accession #	NP_001207418.1
NCBI GenBank Nucleotide #	NM_001220489.1
UniProt Accession #	P55290; Q6GTW4; Q8TBX3; A8W476; A8W477; B7Z590; C9JRI6; J3KN62
Molecular Weight	78,287 Da
NCBI Official Full Name	cadherin-13 isoform 3
NCBI Official Synonym Full Names	cadherin 13
NCBI Official Symbol	CDH13
NCBI Official Synonym Symbols	CDHH; P105
NCBI Protein Information	cadherin-13; T-cad; T-cadherin; heart cadherin; H-cadherin (heart); cadherin 13, H-cadherin (heart)
UniProt Protein Name	Cadherin-13
UniProt Gene Name	CDH13
UniProt Synonym Gene Names	CDHH; H-cadherin; T-cad; T-cadherin
UniProt Entry Name	CAD13_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/cdh13-human-elisa-kits/cadherin-13-h-cadherin-heart/15454>