

Human Cadherin 11 (CDH11) ELISA Kit | CDH11 elisa kit

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CATALOG #
AAA244997

REACTIVITY
Human

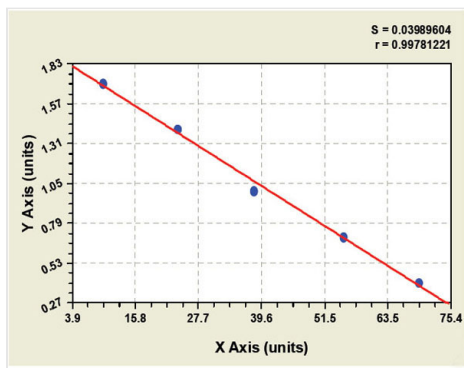
PRODUCT SYNONYMS

Cadherin 11 (CDH11); Human Cadherin 11 (CDH11) ELISA Kit; CDH11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CDH11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CDH11. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH11 elisa kit

Principle of the assay: CDH11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CDH11 antibody and an CDH11-HRP conjugate. The assay sample and buffer are incubated together with CDH11-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CDH11 concentration since CDH11 from samples and CDH11-HRP conjugate compete for the anti-CDH11 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDH11 from the sample, fewer sites are left to bind CDH11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDH11 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146345381
NCBI GeneID	1009
Molecular Weight	76,457 Da
NCBI Official Full Name	Cadherin-11
NCBI Official Synonym Full Names	cadherin 11, type 2, OB-cadherin (osteoblast)
NCBI Official Symbol	CDH11
NCBI Official Synonym Symbols	OB; CAD11; CDHOB; OSF-4
NCBI Protein Information	cadherin-11
UniProt Protein Name	Cadherin-11
UniProt Gene Name	CDH11
UniProt Synonym Gene Names	OB-cadherin
UniProt Entry Name	CAD11_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/cadherin-11-cdh11/244997>