Human Cadherin related family member 5 (MUPCDH) ELISA Kit | MUPCDH elisa kit

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CATALOG #	REACTIVITY
AAA245451	**Human**

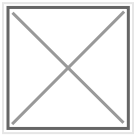
PRODUCT SYNONYMS

Cadherin related family member 5 (MUPCDH); Human Cadherin related family member 5 (MUPCDH) ELISA Kit; MUPCDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDHR5. No significant cross-reactivity or interference between CDHR5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDHR5 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUPCDH elisa kit	Intended Uses: This CDHR5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCDHR5. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CDHR5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDHR5 antibody and an CDHR5-HRP conjugate. The assay sample and buffer are incubated together with CDHR5-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 CDHR5 concentration since CDHR5 from samples and CDHR5-HRP conjugate compete for the anti-CDHR5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDHR5 from the sample, fewer sites are left to bind CDHR5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDHR5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MUPCDH elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	296439399
NCBI GeneID	53841
Molecular Weight	87,631 Da
NCBI Official Full Name	Cadherin-related family member 5
NCBI Official Synonym Full Names	cadherin-related family member 5
NCBI Official Symbol	CDHR5
NCBI Official Synonym Symbols	MUCDHL; MUPCDH; MU-PCDH
NCBI Protein Information	cadherin-related family member 5; mu-protocadherin; mucin and cadherin-like protein
UniProt Protein Name	Cadherin-related family member 5
UniProt Gene Name	**CDHR5**
UniProt Synonym Gene Names	MUCDHL; MUPCDH; UNQ2781/PRO7168
UniProt Entry Name	CDHR5_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-related-family-member-5-mupcdh/245451