

Human Usherin, USH2A ELISA Kit | USH2A elisa kit

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CATALOG #
AAA22522

REACTIVITY
Human

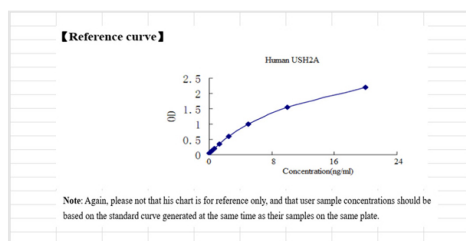
PRODUCT SYNONYMS

Usherin; USH2A; Human Usherin; USH2A ELISA Kit; USH2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for USH2A elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human USH2A monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842259
NCBI GeneID	7399

NCBI Accession #	NP_009054.5
NCBI GenBank Nucleotide #	NM_007123.5
UniProt Accession #	O75445 ; Q5VVM9 ; Q6S362 ; Q9NS27
Molecular Weight	575,600 Da
NCBI Official Full Name	usherin isoform A
NCBI Official Synonym Full Names	Usher syndrome 2A (autosomal recessive, mild)
NCBI Official Symbol	USH2A
NCBI Official Synonym Symbols	US2; RP39; USH2; dJ1111A8.1
NCBI Protein Information	usherin; usher syndrome type-2A protein; usher syndrome type IIa protein
UniProt Protein Name	Usherin
UniProt Gene Name	USH2A
UniProt Entry Name	USH2A_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/usherin-ush2a/22522>