

Mouse Usherin ELISA Kit | USH2A elisa kit

Mouse Usherin (USH2A) ELISA Kit

CATALOG #
AAA55786

REACTIVITY
Mouse

PRODUCT SYNONYMS

Usherin; Mouse Usherin (USH2A) ELISA Kit; RP39; US2; USH2; dJ1111A8.1; usherin; USH2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse USH2A. No significant cross-reactivity or interference between Mouse USH2A and analogues was observed.
Sequence Length	5202
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for USH2A elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate USH2A in samples. An antibody specific for USH2A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any USH2A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for USH2A is added to the wells. After washing, Streptavidin 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 USH2A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145699097
NCBI GeneID	22283
NCBI Accession #	NP_067383.3
NCBI GenBank Nucleotide #	NM_021408.3
UniProt Accession #	Q2QI47 ; Q9JLP3 ; E9QLJ9

Molecular Weight	572,335 Da
NCBI Official Full Name	usherin
NCBI Official Synonym Full Names	usherin
NCBI Official Symbol	Ush2a
NCBI Official Synonym Symbols	Gm676; Gm983; Ushrn; Mush2a; A930011D15Rik; A930037M10Rik
NCBI Protein Information	usherin
UniProt Protein Name	Usherin
UniProt Gene Name	Ush2A
UniProt Synonym Gene Names	Gm676

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://www.aaabiotech.com/ush2a-mouse-elisa-kits/usherin/55786>