

Mouse Utrophin (UTRN) ELISA Kit | UTRN elisa kit

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CATALOG #
AAA66113

REACTIVITY
Mouse

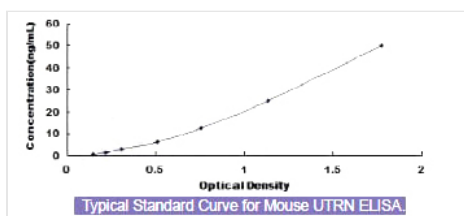
PRODUCT SYNONYMS

Utrophin (UTRN); Mouse Utrophin (UTRN) ELISA Kit; DRP1; DMDL; DRP; Homologous To Dystrophin; Dystrophin-related protein 1; UTRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of UTRN. No significant cross-reactivity or interference between UTRN and analogues was observed.
Sequence Length	3430
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	< 0.29ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UTRN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level UTRN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTRN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of UTRN in mouse tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UTRN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UTRN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain UTRN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of UTRN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110431378
NCBI GeneID	22288
NCBI Accession #	NP_035812.3
NCBI GenBank Nucleotide #	NM_011682.4
UniProt Accession #	E9Q6R7
Molecular Weight	392,706 Da
NCBI Official Full Name	utrophin
NCBI Official Synonym Full Names	utrophin
NCBI Official Symbol	Utrn
NCBI Official Synonym Symbols	DRP; Dmdl; AA589569
NCBI Protein Information	utrophin
UniProt Protein Name	Protein Utrn
UniProt Gene Name	Utrn

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/mouse-elisa-kits/utrophin-utrn/66113>