

Human Utrophin ELISA Kit | UTRN elisa kit

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CATALOG #
AAA100748

REACTIVITY
Human

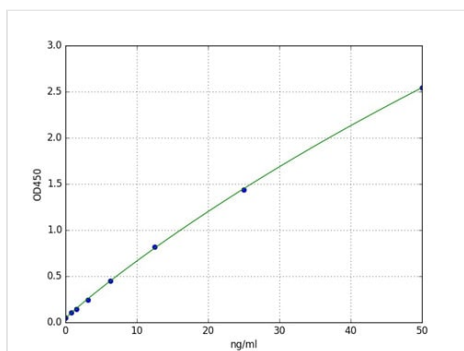
PRODUCT SYNONYMS

Utrophin; Human Utrophin ELISA Kit; UTRN/DMDL/DRP1/Dystrophin-related protein 1/DRP-1; UTRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	3433
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human UTRN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.049	0.106	0.129	0.209	0.385	0.679	1.601	2.182

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTRN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human UTRN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human UTRN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human UTRN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human UTRN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

110611228

NCBI GeneID	7402
NCBI Accession #	NP_009055.2
NCBI GenBank Nucleotide #	NM_007124.2
Molecular Weight	155,026 Da
NCBI Official Full Name	utrophin
NCBI Official Synonym Full Names	utrophin
NCBI Official Symbol	UTRN
NCBI Official Synonym Symbols	DRP; DMDL; DRP1
NCBI Protein Information	utrophin
UniProt Protein Name	Utrophin
UniProt Gene Name	UTRN
UniProt Synonym Gene Names	DMDL; DRP1; DRP-1
UniProt Entry Name	UTRO_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/utrn-human-elisa-kits/utrophin/100748>