

Rat Utrophin ELISA Kit | UTRN elisa kit

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CATALOG #
AAA95714

REACTIVITY
Rat

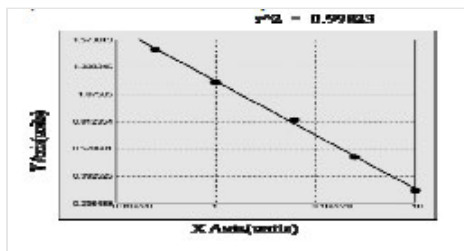
PRODUCT SYNONYMS

Utrophin; Rat Utrophin ELISA Kit; UTRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100 ng/mL
Sensitivity	1.0ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTRN elisa kit

Intended Uses: This UTRN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat UTRN. This ELISA kit for research use only!

Principle of the Assay||UTRN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-UTRN antibody and an UTRN-HRP conjugate. The assay sample and buffer are incubated together with UTRN-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 UTRN concentration since UTRN from samples and UTRN-HRP conjugate compete for the anti-UTRN antibody binding site. Since the number of sites is limited, as more sites are occupied by UTRN from the sample, fewer sites are left to bind UTRN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UTRN concentration in each sample is interpolated from this standard curve.

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; DRP-1; dystrophin-related protein 1
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-rat-elisa-kits/utrophin/95714>