

Rat ATXN2 ELISA Kit | ATXN2 elisa kit

Rat ATXN2 (Ataxin 2) ELISA Kit

CATALOG #
AAA165187

REACTIVITY
Rat

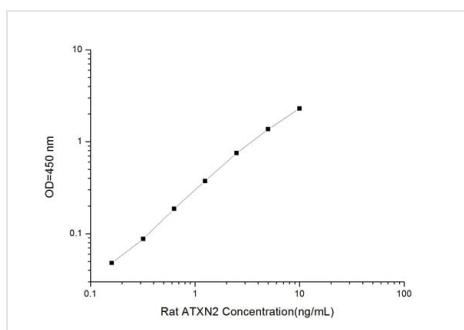
PRODUCT SYNONYMS

ATXN2; Rat ATXN2 (Ataxin 2) ELISA Kit; ATXN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat ATXN2 in samples. No significant cross-reactivity or interference between Rat ATXN2 and analogues was observed.
Sequence Length	1313
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat ATXN2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat ATXN2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATXN2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat ATXN2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat ATXN2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat ATXN2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat ATXN2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat ATXN2. You can calculate the concentration of Rat ATXN2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171543895
NCBI GeneID	6311
NCBI Accession #	NP_002964.3
NCBI GenBank Nucleotide #	NM_002973.3
UniProt Accession #	Q99700; Q24JQ7; Q6ZQZ7; Q99493; A6NLD4
Molecular Weight	109,037 Da
NCBI Official Full Name	ataxin-2
NCBI Official Synonym Full Names	ataxin 2
NCBI Official Symbol	ATXN2
NCBI Official Synonym Symbols	ATX2; SCA2; ASL13; TNRC13
NCBI Protein Information	ataxin-2; spinocerebellar ataxia type 2 protein; trinucleotide repeat-containing gene 13 protein
UniProt Protein Name	Ataxin-2
UniProt Gene Name	ATXN2
UniProt Synonym Gene Names	ATX2; SCA2; TNRC13
UniProt Entry Name	ATX2_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.