

Sheep Ataxin 2 ELISA Kit | ATXN2 elisa kit

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CATALOG # AAA96069	REACTIVITY Sheep
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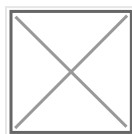
PRODUCT SYNONYMS

Ataxin 2; Sheep Ataxin 2 ELISA Kit; ATXN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATXN2 elisa kit	Principle of the assay: ATXN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATXN2 antibody and an ATXN2-HRP conjugate. The assay sample and buffer are incubated together with ATXN2-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 ATXN2 concentration since ATXN2 from samples and ATXN2-HRP conjugate compete for the anti-ATXN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATXN2 from the sample, fewer sites are left to bind ATXN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATXN2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ATXN2 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	171543895
NCBI GeneID	6311
NCBI Accession #	NP_002964.3
NCBI GenBank Nucleotide #	NM_002973.3

Molecular Weight	132,884 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.

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Online datasheet: <https://stage.aaabiotech.com/atxn2-sheep-elisa-kits/ataxin-2/96069>