

Sheep Ataxin 1 ELISA Kit | ATXN1 elisa kit

Sheep Ataxin 1 ELISA Kit

CATALOG #
AAA90524

REACTIVITY
Sheep

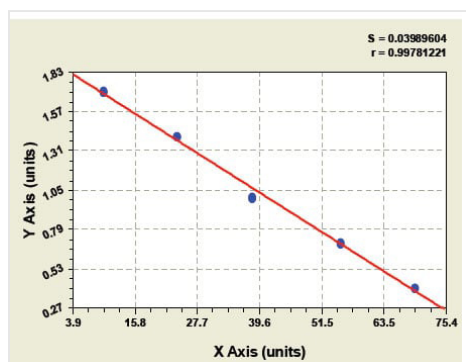
PRODUCT SYNONYMS

Ataxin 1; Sheep Ataxin 1 ELISA Kit; ATXN1 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
Intended Uses	This ATXN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep ATXN1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATXN1 elisa kit

Principle of the Assay: ATXN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATXN1 antibody and an ATXN1-HRP conjugate. The assay sample and buffer are incubated together with ATXN1-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 ATXN1 concentration since ATXN1 from samples and ATXN1-HRP conjugate compete for the anti-ATXN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATXN1 from the sample, fewer sites are left to bind ATXN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATXN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ATXN1 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	189491748
NCBI GeneID	6310
NCBI Accession #	NP_001121636.1
NCBI GenBank Nucleotide #	NM_001128164.1
Molecular Weight	86,923 Da
NCBI Official Full Name	ataxin-1
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	ATXN1
NCBI Official Synonym Symbols	ATX1; SCA1; D6S504E
NCBI Protein Information	ataxin-1; alternative ataxin1; spinocerebellar ataxia type 1 protein
UniProt Protein Name	Ataxin-1
UniProt Gene Name	ATXN1
UniProt Synonym Gene Names	ATX1; SCA1
UniProt Entry Name	ATX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/atxn1-sheep-elisa-kits/ataxin-1/90524>