

Bovine Ataxin 2 ELISA Kit | ATXN2 elisa kit

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CATALOG #
AAA96979

REACTIVITY
Bovine

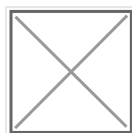
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ATXN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ATXN2. 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 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 #	28571738
NCBI GeneID	41883
NCBI Accession #	NP_732034.2

NCBI GenBank Nucleotide #	NM_169658.3
Molecular Weight	111,409 Da
NCBI Official Full Name	Ataxin-2, isoform C
NCBI Official Synonym Full Names	Ataxin-2
NCBI Official Symbol	Atx2
NCBI Official Synonym Symbols	anon-EST:fe2E1; anon-WO0118547.351; anon-WO0140519.1; Atx-2; atx2; ATX2; Atxain-2; BEST:GH27029; CG5166; CG5166a; dAtx2; Datx2; DmelCG5166; dSCA2; GH27029; I(3)06490; Sca2; SCA2
NCBI Protein Information	CG5166 gene product from transcript CG5166-RB; ATAXIN-2; Ataxin-2; Atx2-PA; Atx2-PB; Atx2-PC; Atx2-PD; CG5166-PA; CG5166-PB; CG5166-PC; CG5166-PD; anon-fast-evolving-2E1; ataxin 2; dAtaxin-2
UniProt Protein Name	Ataxin-2 homolog
UniProt Gene Name	Atx2
UniProt Synonym Gene Names	CG5166; Datx2
UniProt Entry Name	ATX2_DROME

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-bovine-ovine-elisa-kits/ataxin-2/96979>