

Rat Ataxin 1 ELISA Kit | ATXN1 elisa kit

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CATALOG #
AAA100167

REACTIVITY
Rat

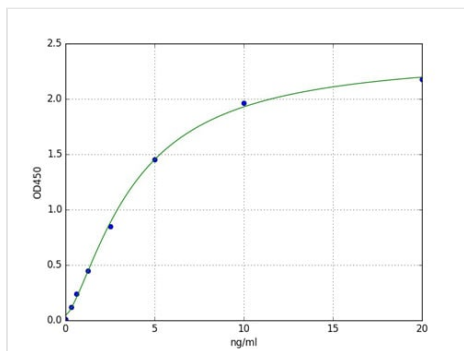
PRODUCT SYNONYMS

Ataxin 1; Rat Ataxin 1 ELISA Kit; ATXN1/Spinocerebellar ataxia type 1 protein homolog; ATXN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	815
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat ATXN1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.121	0.237	0.380	0.697	1.007	1.447	2.157

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATXN1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat ATXN1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ATXN1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat ATXN1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ATXN1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

109658942

NCBI GeneID	6310
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
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.

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Online datasheet: <https://stage.aaabiotech.com/atxn1-rat-elisa-kits/ataxin-1/100167>