

Rat Forkhead Box Protein O1 (FOXO1) ELISA Kit | FOXO1 elisa kit

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CATALOG # AAA54535	REACTIVITY Rat
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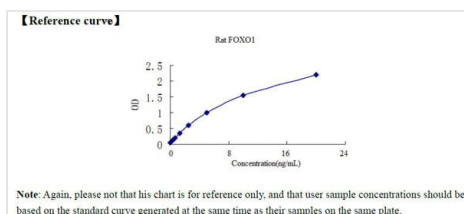
PRODUCT SYNONYMS

Forkhead Box Protein O1 (FOXO1); Rat Forkhead Box Protein O1 (FOXO1) ELISA Kit; FOXO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	655
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXO1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat FOXO1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9257222
NCBI GeneID	2308

NCBI Accession #	NP_002006.2
NCBI GenBank Nucleotide #	NM_002015.3
Molecular Weight	69,662 Da
NCBI Official Full Name	forkhead box protein O1
NCBI Official Synonym Full Names	forkhead box O1
NCBI Official Symbol	FOXO1
NCBI Official Synonym Symbols	FKH1; FKHR; FOXO1A
NCBI Protein Information	forkhead box protein O1; forkhead box protein O1A; forkhead, Drosophila, homolog of, in rhabdomyosarcoma
UniProt Protein Name	Forkhead box protein O1
UniProt Gene Name	FOXO1
UniProt Synonym Gene Names	FKHR; FOXO1A
UniProt Entry Name	FOXO1_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/rat-elisa-kits/forkhead-box-protein-o1-foxo1/54535>