

Human forkhead box O1, FOXO1 ELISA Kit | FOXO1 elisa kit

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CATALOG #
AAA43019

REACTIVITY
Human

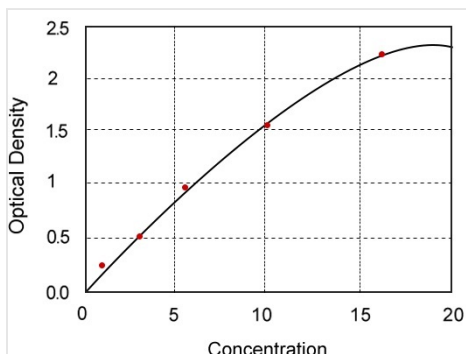
PRODUCT SYNONYMS

forkhead box O1; FOXO1; Human forkhead box O1; FOXO1 ELISA Kit; FOXO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	655
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 70ng/ml
Sensitivity	0.34ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXO1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Forkhead Box O1 (also known as FOXO1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human FOXO1 antibody. FOXO1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human FOXO1 Antibody is added and binds to FOXO1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FOXO1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human FOXO1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9257222
NCBI GeneID	2308
NCBI Accession #	NP_002006.2
NCBI GenBank Nucleotide #	NM_002015.3
UniProt Accession #	Q12778; O43523; Q5VYC7; Q6NSK6
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
UniProt Protein Name	Forkhead box protein O1
UniProt Gene Name	FOXO1
UniProt Synonym Gene Names	FKHR; FOXO1A

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/human-elisa-kits/forkhead-box-o1-foxo1/43019>