

Human Forkhead box protein O3 ELISA Kit | FOXO3 elisa kit

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CATALOG #
AAA99657

REACTIVITY
Human

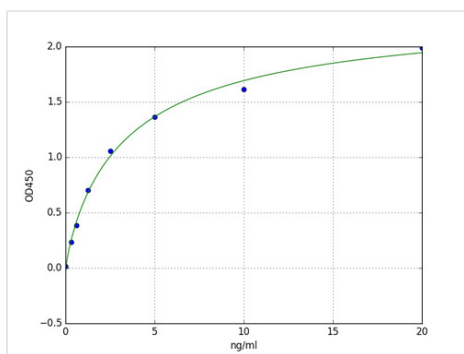
PRODUCT SYNONYMS

Forkhead box protein O3; Human Forkhead box protein O3 ELISA Kit; FOXO3 (Forkhead box protein O3)/AF6q21/FKHRL1/FKHRL1P2/FOXO3A/forkhead box O3/Forkhead in rhabdomyosarcoma-like 1; FOXO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	673
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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



Standard Curve (Sample)

Results of a typical standard run of a Human FOXO3 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	0.033	0.102	0.165	0.348	0.617	1.135	1.820	2.276

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXO3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FOXO3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FOXO3 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. HRPStreptavidin 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 Human FOXO3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FOXO3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42519916
NCBI GeneID	2309
NCBI Accession #	NP_963853.1
NCBI GenBank Nucleotide #	NM_201559.2
Molecular Weight	48,406 Da
NCBI Official Full Name	forkhead box protein O3
NCBI Official Synonym Full Names	forkhead box O3
NCBI Official Symbol	FOXO3
NCBI Official Synonym Symbols	FOXO2; AF6q21; FKHL1; FOXO3A; FKHL1P2
NCBI Protein Information	forkhead box protein O3
UniProt Protein Name	Forkhead box protein O3
UniProt Gene Name	FOXO3
UniProt Entry Name	FOXO3_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/foxo3-human-elisa-kits/forkhead-box-protein-o3/99657>