

Mouse Forkhead Box Protein P1 (FOXP1) ELISA Kit | FOXP1 elisa kit

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CATALOG #
AAA147451

REACTIVITY
Mouse

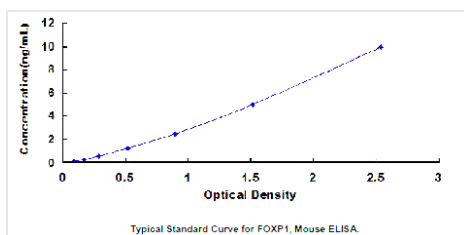
PRODUCT SYNONYMS

Forkhead Box Protein P1 (FOXP1); Mouse Forkhead Box Protein P1 (FOXP1) ELISA Kit; FOXP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FOXO3. No significant cross-reactivity or interference between FOXO3 and analogues was observed.
Sequence Length	673
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FOXO3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FOXO3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXP1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FOXO3 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FOXO3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FOXO3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FOXO3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FOXO3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FOXP1 elisa kit	Apoptosis; Tumor immunity; Immune molecule; Neuroscience; Developmental science; Pulmonology; Autoimmunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	309243071
NCBI GeneID	108655
NCBI Accession #	NP_001184250.1
NCBI GenBank Nucleotide #	NM_001197321.1
UniProt Accession #	P58462; Q6P221; Q8C5V2; Q8CCD9
Molecular Weight	80,762 Da
NCBI Official Full Name	forkhead box protein P1 isoform 2
NCBI Official Synonym Full Names	forkhead box P1
NCBI Official Symbol	Foxp1
NCBI Official Synonym Symbols	AI461938; AW494214; 3110052D19Rik; 4932443N09Rik
NCBI Protein Information	forkhead box protein P1
UniProt Protein Name	Forkhead box protein P1
UniProt Gene Name	Foxp1

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/mouse-elisa-kits/forkhead-box-protein-p1-foxp1/147451>