

Mouse Forkhead Box P3 (FOXP3) ELISA Kit | FOXP3 elisa kit

Mouse Forkhead Box P3 (FOXP3)(Sandwich ELISA) Mini sample ELISA Kit

CATALOG #
AAA152449

REACTIVITY
Mouse

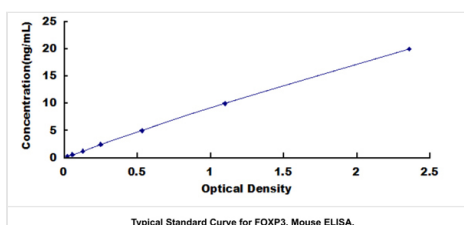
PRODUCT SYNONYMS

Forkhead Box P3 (FOXP3); Mouse Forkhead Box P3 (FOXP3)(Sandwich ELISA) Mini sample ELISA Kit; Mini Samples ELISA Kit for Forkhead Box P3 (FOXP3); FOX-P3; AIID; DIETER; IPEX; JM2; PIDX; XPID; SCURFIN; Forkhead Box Protein P3; Immune Dysregulation; Polyendocrinopathy; Enteropathy; X-Linked; FOXP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FOXP3. No significant cross-reactivity or interference between FOXP3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FOXP3 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 FOXP3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year 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 FOXP3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FOXP3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FOXP3. 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 FOXP3, 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 FOXP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FOXP3 in mouse tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313569800
NCBI GeneID	20371
NCBI Accession #	NP_001186276
NCBI GenBank Nucleotide #	NM_001199347
UniProt Accession #	Q99JB6
Molecular Weight	47,346 Da
NCBI Official Full Name	forkhead box protein P3
NCBI Official Synonym Full Names	forkhead box P3
NCBI Official Symbol	Foxp3
NCBI Official Synonym Symbols	sf; JM2; scurfin
NCBI Protein Information	forkhead box protein P3; scurfy
UniProt Protein Name	Forkhead box protein P3
UniProt Gene Name	Foxp3
UniProt Entry Name	FOXP3_MOUSE

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-p3-foxp3/152449>