

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

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CATALOG #
AAA65389

REACTIVITY
Mouse

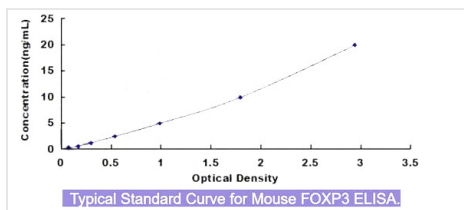
PRODUCT SYNONYMS

Forkhead Box Protein P3 (FOXP3); Mouse Forkhead Box Protein P3 (FOXP3) ELISA Kit; FOX-P3; AIID; DIETER; IPEX; JM2; PIDX; XPID; SCURFIN; 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.
Sequence Length	429
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/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	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXP3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FOXP3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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 the in vitro quantitative measurement of FOXP3 in mouse tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313569800
NCBI GeneID	20371
NCBI Accession #	NP_001186276.1
NCBI GenBank Nucleotide #	NM_001199347.1
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
UniProt Protein Name	Forkhead box protein P3
UniProt Gene Name	Foxp3

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.