

Mouse Osterix (OSX) ELISA Kit | OSX elisa kit

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CATALOG #
AAA64030

REACTIVITY
Mouse

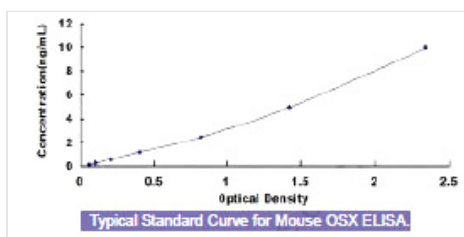
PRODUCT SYNONYMS

Osterix (OSX); Mouse Osterix (OSX) ELISA Kit; Sp7 Transcription Factor; Specificity Protein 7; Zinc finger protein osterix; OSX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of OSX. No significant cross-reactivity or interference between OSX and analogues was observed.
Sequence Length	410
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OSX 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 OSX 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 OSX elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OSX in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OSX. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OSX. 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 OSX, 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 OSX in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	568991525
NCBI GeneID	170574
NCBI Accession #	XP_006520583.1
NCBI GenBank Nucleotide #	XP_006520583.1
UniProt Accession #	Q5RM08; Q8VI67
Molecular Weight	42,844 Da
NCBI Official Full Name	transcription factor Sp7 isoform X3
NCBI Official Synonym Full Names	Sp7 transcription factor 7
NCBI Official Symbol	Sp7
NCBI Official Synonym Symbols	C22; Osx; 6430578P22Rik
NCBI Protein Information	transcription factor Sp7
UniProt Protein Name	Osterix
UniProt Gene Name	Sp7

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/osterix-osx/64030>