

Mouse Mothers Against Decapentaplegic Homolog 3 (Smad3) ELISA Kit | Smad3 elisa kit

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CATALOG # AAA137869	REACTIVITY Mouse
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PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 3 (Smad3); Mouse Mothers Against Decapentaplegic Homolog 3 (Smad3) ELISA Kit; Smad3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	381
Samples	Tissue homogenates, Cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL The standard curve concentrations used for the ELISA's were 20ng/mL, 10ng/mL, 5ng/mL, 2.5ng/mL, 1.25ng/mL, 0.625ng/mL, 0.313ng/mL
Sensitivity	0.127ng/mL
Preparation and Storage	For unopened kit, all the reagents should be kept according to the label on each vial. The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 degree C while others should be at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mothers Against Decapentaplegic Homolog 3 (Smad3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mothers Against Decapentaplegic Homolog 3 (Smad3). 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 Mothers Against Decapentaplegic Homolog 3 (Smad3), 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 $\pm$ 10nm. The concentration of Mothers Against Decapentaplegic Homolog 3 (Smad3) 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 #	223029442
NCBI GeneID	4088
NCBI Accession #	NP_001138575.1

NCBI GenBank Nucleotide #	NM_001145103.1
UniProt Accession #	P84022; O09064; O09144; O14510; O35273; Q92940; Q93002; A8K4B6; B7Z4Z5; B7Z6M9; B7Z9Q2; F5H383
Molecular Weight	25,722 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 3 isoform 3
NCBI Official Synonym Full Names	SMAD family member 3
NCBI Official Symbol	SMAD3
NCBI Official Synonym Symbols	LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436
NCBI Protein Information	mothers against decapentaplegic homolog 3; MAD homolog 3; MAD, mothers against decapentaplegic homolog 3; SMA- and MAD-related protein 3; SMAD, mothers against DPP homolog 3; hMAD-3; hSMAD3; mad homolog JV15-2; mad protein homolog; mad3
UniProt Protein Name	Mothers against decapentaplegic homolog 3
UniProt Gene Name	SMAD3
UniProt Synonym Gene Names	MADH3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; SMAD 3; Smad3; hSMAD3
UniProt Entry Name	SMAD3_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/mouse-elisa-kits/mothers-against-decapentaplegic-homolog-3-smad3/137869>