Rat Mothers against decapentaplegic homolog 3 ELISA Kit | Smad3 elisa kit

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CATALOG #	REACTIVITY
AAA192074	**Rat**

PRODUCT SYNONYMS

Mothers against decapentaplegic homolog 3; Rat Mothers against decapentaplegic homolog 3 ELISA Kit; MAD homolog 3; Mad3; Mothers against DPP homolog 3; SMAD family member 3; SMAD 3; Smad3; Madh3; Smad3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Mothers against decapentaplegic homolog 3,MAD homolog 3
Sequence Length	425
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.196 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.2%
Inter-assay Precision	Inter-Assay CV: <=7.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981174

NCBI GeneID	25631
NCBI Accession #	NP_037227.1
NCBI GenBank Nucleotide #	NM_013095.3
UniProt Accession #	P84025; O09064; O09144; O14510; O35273; Q92940; Q93002; Q9GKR4
Molecular Weight	48,081 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 3
NCBI Official Synonym Full Names	SMAD family member 3
NCBI Official Symbol	Smad3
NCBI Official Synonym Symbols	mad3; Madh3; Smad 3
NCBI Protein Information	mothers against decapentaplegic homolog 3
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; SMAD 3; Smad3
UniProt Entry Name	SMAD3_RAT

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/smad3-rat-elisa-kits/mothers-against-decapentaplegic-homolog-3/192074