

Rat Mothers Against Decapentaplegic Homolog 3 ELISA Kit | Smad3 elisa kit

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CATALOG # AAA97747	REACTIVITY Rat
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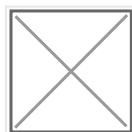
PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 3; Rat Mothers Against Decapentaplegic Homolog 3 ELISA Kit; Smad3/MADH3/SMAD family member 3/hMAD-3/hSMAD3/MAD homolog 3/mad protein homolog/MAD; mothers against decapentaplegic homolog 3/MAD; mothers against decapentaplegic homolog 3 (Drosophila)/mad3/Mad3/MADH3mad homolog JV15-2/mothers against decapentaplegic homolog 3/Mothers against DPP homolog 3; Smad3 elisa kit

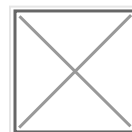
PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	381
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad3 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Smad3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Smad3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Smad3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Smad3 can be calculated.
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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

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
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/smad3-rat-elisa-kits/mothers-against-decapentaplegic-homolog-3/97747>