

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

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CATALOG # AAA41721	REACTIVITY Human
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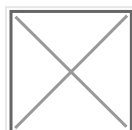
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	425
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 35ng/ml
Sensitivity	0.047ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mothers Against Decapentaplegic Homolog 3 (also known as Smad3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Smad3 antibody. Smad3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Smad3 Antibody is added and binds to Smad3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Smad3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human Smad3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18418623
NCBI GeneID	4088

UniProt Accession #	P84022 ; O09064 ; O09144 ; O14510 ; O35273 ; Q92940 ; Q93002 ; A8K4B6 ; B7Z4Z5 ; B7Z6M9 ; B7Z9Q2 ; F5H383
Molecular Weight	43,237 Da
NCBI Official Full Name	Smad3
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

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/human-elisa-kits/mothers-against-decapentaplegic-homolog-3-smad3/41721>