Rat Mothers Against Decapentaplegic Homolog 6 (Smad6) ELISA Kit | Smad6 elisa kit

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CATALOG #	REACTIVITY
AAA121236	**Rat**

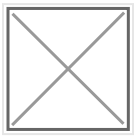
PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 6 (Smad6); Rat Mothers Against Decapentaplegic Homolog 6 (Smad6) ELISA Kit; Smad6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	496
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.28ng/L
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 Smad6 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mothers Against Decapentaplegic Homolog 6 (also known as Smad6) 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 Rat Smad6 antibody. Smad6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Smad6 Antibody is added and binds to Smad6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Smad6 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 Rat Smad6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	92859871
NCBI GeneID	4091
NCBI Accession #	NP_005576.3

NCBI GenBank Nucleotide #	NM_005585.4
UniProt Accession #	O43541; O43654; Q15799; Q7Z7L4; Q96E31; Q9UKZ3; A9J6M5
Molecular Weight	26,236 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 6
NCBI Official Synonym Full Names	SMAD family member 6
NCBI Official Symbol	SMAD6
NCBI Official Synonym Symbols	AOVD2; MADH6; MADH7; HsT17432
NCBI Protein Information	mothers against decapentaplegic homolog 6
UniProt Protein Name	Mothers against decapentaplegic homolog 6
UniProt Gene Name	**SMAD6**
UniProt Synonym Gene Names	MADH6; MAD homolog 6; Mothers against DPP homolog 6; SMAD 6; Smad6; hSMAD6

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/rat-elisa-kits/mothers-against-decapentaplegic-homolog-6-smad6/121236