

Rat Mothers Against Decapentaplegic Homolog 5 (Smad5) ELISA Kit | Smad5 elisa kit

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CATALOG #
AAA121235

REACTIVITY
Rat

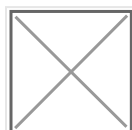
PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 5 (Smad5); Rat Mothers Against Decapentaplegic Homolog 5 (Smad5) ELISA Kit; Smad5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	465
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 3800ng/L
Sensitivity	5.19ng/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 Smad5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mothers Against Decapentaplegic Homolog 5 (also known as Smad5) 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 Smad5 antibody. Smad5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Smad5 Antibody is added and binds to Smad5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Smad5 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 Smad5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47778931
NCBI GeneID	4090
NCBI Accession #	NP_001001420.1

NCBI GenBank Nucleotide #	NM_001001420.2
UniProt Accession #	Q99717 ; O14688 ; Q15798 ; Q9UQA1
Molecular Weight	52,258 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 5
NCBI Official Synonym Full Names	SMAD family member 5
NCBI Official Symbol	SMAD5
NCBI Official Synonym Symbols	DWFC; JV5-1; MADH5
NCBI Protein Information	mothers against decapentaplegic homolog 5
UniProt Protein Name	Mothers against decapentaplegic homolog 5
UniProt Gene Name	SMAD5
UniProt Synonym Gene Names	MADH5; MAD homolog 5; Mothers against DPP homolog 5; SMAD 5; Smad5; hSmad5

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/rat-elisa-kits/mothers-against-decapentaplegic-homolog-5-smad5/121235>