

Rat Mothers against decapentaplegic homolog 7, Smad7 ELISA Kit | Smad7 elisa kit

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CATALOG #
AAA41456

REACTIVITY
Rat

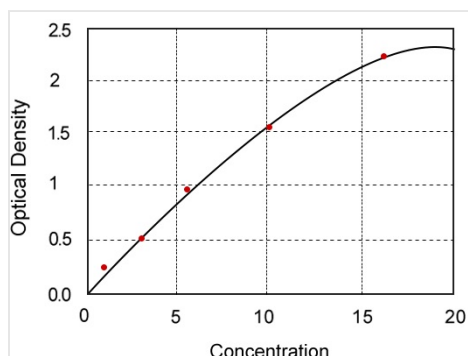
PRODUCT SYNONYMS

Mothers against decapentaplegic homolog 7; Smad7; Rat Mothers against decapentaplegic homolog 7; Smad7 ELISA Kit; Smad7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	426
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.025ng/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 Smad7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mothers Against Decapentaplegic Homolog 7 (also known as Smad7) 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 Smad7 antibody. Smad7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Smad7 Antibody is added and binds to Smad7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Smad7 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 Smad7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18418630
NCBI GeneID	4092
UniProt Accession #	O15105; O14740; Q6DK23; B7Z773; K7EQ10
Molecular Weight	23,901 Da
NCBI Official Full Name	Smad7
NCBI Official Synonym Full Names	SMAD family member 7
NCBI Official Symbol	SMAD7
NCBI Official Synonym Symbols	CRCS3; MADH7; MADH8
NCBI Protein Information	mothers against decapentaplegic homolog 7
UniProt Protein Name	Mothers against decapentaplegic homolog 7
UniProt Gene Name	SMAD7
UniProt Synonym Gene Names	MADH7; MADH8; MAD homolog 7; Mothers against DPP homolog 7; MAD homolog 8; Mothers against DPP homolog 8; SMAD 7; Smad7; hSMAD7

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-7-smad7/41456>