

Human Mothers Against Decapentaplegic Homolog 2 (Smad2) ELISA Kit | Smad2 elisa kit

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CATALOG # AAA43043	REACTIVITY Human
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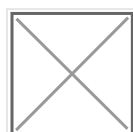
PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 2 (Smad2); Human Mothers Against Decapentaplegic Homolog 2 (Smad2) ELISA Kit; Smad2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	467
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.019ng/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 Smad2 elisa kit	<p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mothers Against Decapentaplegic Homolog 2 (also known as Smad2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Smad2 antibody. Smad2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Smad2 Antibody is added and binds to Smad2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Smad2 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 Smad2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2967646
UniProt Accession #	Q15796

Molecular Weight	48,956 Da
NCBI Official Full Name	Smad2
UniProt Protein Name	Mothers against decapentaplegic homolog 2
UniProt Gene Name	SMAD2
UniProt Synonym Gene Names	MADH2; MADR2; MAD homolog 2; Mothers against DPP homolog 2; hMAD-2; SMAD 2; Smad2; hSMAD2

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-2-smad2/43043>