

Human Mothers against decapentaplegic homolog 2 ELISA Kit | SMAD2 elisa kit

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CATALOG # AAA99883	REACTIVITY Human
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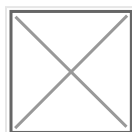
PRODUCT SYNONYMS

Mothers against decapentaplegic homolog 2; Human Mothers against decapentaplegic homolog 2 ELISA Kit; SMAD2/JV18/MADH2/MADR2/JV18-1/hMAD-2/hSMAD2/SMAD family member 2 (SMAD 2/Smad2/hSMAD2)/JV18-1/Mad-related protein 2 (hMAD-2); SMAD2 elisa kit

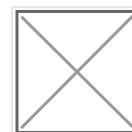
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	437
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMAD2 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SMAD2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SMAD2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SMAD2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SMAD2 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209693426
NCBI GeneID	4087
NCBI Accession #	NP_001129409.1
NCBI GenBank Nucleotide #	NM_001135937.2

Molecular Weight	48,956 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 2 isoform 2
NCBI Official Synonym Full Names	SMAD family member 2
NCBI Official Symbol	SMAD2
NCBI Official Synonym Symbols	JV18; MADH2; MADR2; JV18-1; hMAD-2; hSMAD2
NCBI Protein Information	mothers against decapentaplegic homolog 2
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
UniProt Entry Name	SMAD2_HUMAN

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/smad2-human-elisa-kits/mothers-against-decapentaplegic-homolog-2/99883>