

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

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CATALOG #
AAA55292

REACTIVITY
Human

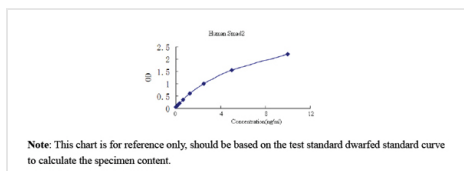
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	437
Samples	Human serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant Smad2 concentration
Assay Type	Sandwich
Detection Range	10 ng/ml-0.156 ng/ml
Sensitivity	0.05 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad2 elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human Smad2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

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; MAD homolog 2; mother against DPP homolog 2; Sma- and Mad-related protein 2; SMAD, mothers against DPP 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/human-elisa-kits/mothers-against-decapentaplegic-homolog-2-smad2/55292>