

Human Smad4/MADH4 ELISA Kit | Smad4/MADH4 elisa kit

Human Smad4/MADH4 (Mothers Against Decapentaplegic Homolog 4)ELISA Kit

CATALOG #
AAA163556

REACTIVITY
Human

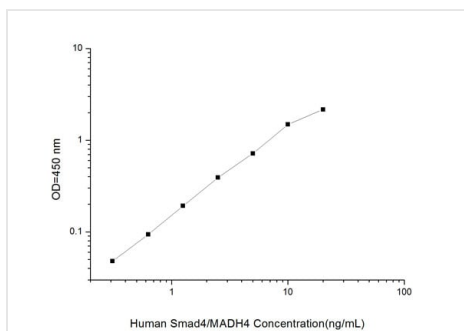
PRODUCT SYNONYMS

Smad4/MADH4; Human Smad4/MADH4 (Mothers Against Decapentaplegic Homolog 4)ELISA Kit; Smad4/MADH4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human Smad4/MADH4. No significant cross-reactivity or interference between Human Smad4/MADH4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human Smad4/MADH4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	549
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad4/MADH4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Smad4/MADH4 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human Smad4/MADH4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human Smad4/MADH4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human Smad4/MADH4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human Smad4/MADH4. You can calculate the concentration of Human Smad4/MADH4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148227097
NCBI GeneID	780764
NCBI Accession #	NP_001090536.1
NCBI GenBank Nucleotide #	NM_001097067.1
NCBI Official Full Name	SMAD family member 4, gene 1
NCBI Official Synonym Full Names	SMAD family member 4, gene 1<
NCBI Official Symbol	smad4.1
NCBI Official Synonym Symbols	jip; dpc4; madh4; smad4; Xsmad4; smad4a; xsmad4a; smad4alpha; XSmad4alpha
NCBI Protein Information	SMAD family member 4, gene 1

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://www.aaabiotech.com/human-elisa-kits/smad4-madh4/163556>