Rat Mothers Against Decapentaplegic Homolog 1 (Smad1) RTU ELISA Kit | Smad1 rtu elisa kit

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CATALOG #	REACTIVITY
AAA218473	**Rat**

PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 1 (Smad1); Rat Mothers Against Decapentaplegic Homolog 1 (Smad1) ELISA Kit; BSP1; JV4-1; JV41; MADH1; MADR1; SMAD Family Member 1; Mad-related protein 1; Transforming growth factor-beta-signaling protein 1; Mothers against DPP homolog 1; Smad1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	468
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.107ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Smad1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Smad1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Smad1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Smad1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13633872

NCBI GeneID	25671
UniProt Accession #	P97588; O70520
Molecular Weight	52,713 Da
NCBI Official Full Name	Mothers against decapentaplegic homolog 1
NCBI Official Synonym Full Names	SMAD family member 1
NCBI Official Symbol	Smad1
NCBI Official Synonym Symbols	Madh1
NCBI Protein Information	mothers against decapentaplegic homolog 1
UniProt Protein Name	Mothers against decapentaplegic homolog 1
UniProt Gene Name	**Smad1**
UniProt Synonym Gene Names	Mad1; Madh1; MAD homolog 1; Mothers against DPP homolog 1; SMAD 1; Smad1

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-rtu-elisa-kits/mothers-against-decapentaplegic-homolog-1-smad1/218473