

Rat Smad1 ELISA Kit | Smad1 elisa kit

Rat Smad1 (Mothers Against Decapentaplegic Homolog 1) ELISA Kit

CATALOG #
AAA164169

REACTIVITY
Rat

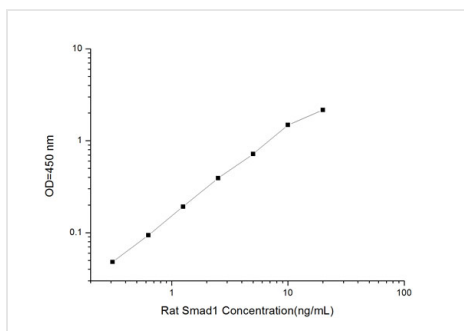
PRODUCT SYNONYMS

Smad1; Rat Smad1 (Mothers Against Decapentaplegic Homolog 1) ELISA Kit; Smad1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat Smad1. No significant cross-reactivity or interference between Rat Smad1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat Smad1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	465
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 Smad1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Smad1 in Rat 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 Rat Smad1. 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 Rat Smad1 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 Rat Smad1, 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 Rat Smad1. You can calculate the concentration of Rat Smad1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297595318
Molecular Weight	52,206 Da
NCBI Official Full Name	SMAD1
UniProt Protein Name	Mothers against decapentaplegic homolog
UniProt Gene Name	SMAD1
UniProt Entry Name	D9I028_CREFO

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/rat-elisa-kits/smad1/164169>