Mouse Smad2/3 (Mothers Against Decapentaplegic Homolog 2/3) ELISA Kit | Smad2/3 elisa kit

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CATALOG #	REACTIVITY
AAA277561	**Mouse**

PRODUCT SYNONYMS

Smad2/3 (Mothers Against Decapentaplegic Homolog 2/3); Mouse Smad2/3 (Mothers Against Decapentaplegic Homolog 2/3) ELISA Kit; Smad 2/3; Smad2/3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse Smad2/3. No significant cross-reactivity or interference between Mouse Smad2/3 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Smad2/3 elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to ACE. 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 ACE, 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 ACE in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for Smad2/3 elisa kit	Signal transduction; Apoptosis; Tumor immunity

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/mouse-elisa-kits/smad2-3-mothers-against-decapentaplegic-homolog-2-3/277561