

Product Datasheet

Rat Mothers Against Decapentaplegic Homolog 7 (Smad7/MADH7) ELISA Kit (orb1949341)

Catalog Number	orb1949341
Category	Assays and Kits
Description	Rat Mothers Against Decapentaplegic Homolog 7 (Smad7/MADH7) ELISA Kit
Target	Smad7/MADH7
Reactivity	Rat
UniProt ID	O88406
Application notes	<p>This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat Smad7/MADH7. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat Smad7/MADH7 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat Smad7/MADH7, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The OD value is proportional to the concentration of Rat Smad7/MADH7. You can calculate the concentration of Rat Smad7/MADH7 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	20ng/mL

Biorbyt Ltd.

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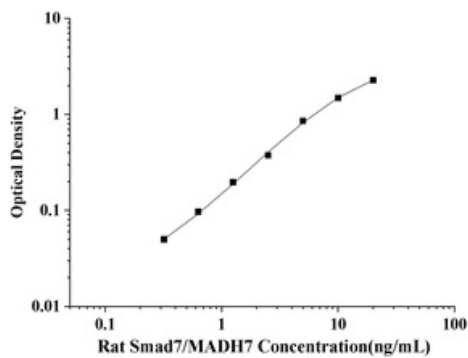
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Range	0.32-20ng/mL
Sensitivity	0.19 ng/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Note	For research use only
Expiration Date	6 months from date of receipt.

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