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## Product Datasheet

### Mouse Mothers Against Decapentaplegic Homolog 1 (Smad1) ELISA Kit BYT-ORB781536

Artikelname	Mouse Mothers Against Decapentaplegic Homolog 1 (Smad1) ELISA Kit
Artikelnummer	BYT-ORB781536
Hersteller Artikelnummer	orb781536
Alternativnummer	BYT-ORB781536-48, BYT-ORB781536-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Mouse
Produktbeschreibung	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 Mothers Against Decapentaplegic Homolog 1(Smad1)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.127 ng/mL
UniProt	<a href="#">P70340</a>
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20 ng/mL. Test principle: 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 Mouse Smad1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse Smad1 in the samples is then determined by comparing the OD of the samples to the standard curve