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## Product Datasheet

### Rat Mothers Against Decapentaplegic Homolog 5 (Smad5) ELISA Kit BYT-ORB782430

Artikelname	Rat Mothers Against Decapentaplegic Homolog 5 (Smad5) ELISA Kit
Artikelnummer	BYT-ORB782430
Hersteller Artikelnummer	orb782430
Alternativnummer	BYT-ORB782430-48, BYT-ORB782430-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
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 5(Smad5)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.12 ng/mL
UniProt	<a href="#">Q9R1V3</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 Rat Smad5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Smad5. 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 Rat Smad5, 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 Rat Smad5 in the samples is then determined by comparing the OD of the samples to the standard curve