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## Product Datasheet

### Human Mothers against decapentaplegic homolog 4 (SMAD4) ELISA Kit BYT-ORB3146297

Article Name	Human Mothers against decapentaplegic homolog 4 (SMAD4) ELISA Kit
Biozol Catalog Number	BYT-ORB3146297
Supplier Catalog Number	orb3146297
Alternative Catalog Number	BYT-ORB3146297-48, BYT-ORB3146297-5, BYT-ORB3146297-50, BYT-ORB3146297-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Mothers against decapentaplegic homolog 4 (SMAD4) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD4....
Range	Please inquire
Sensitivity	Please inquire
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

Application Notes: This Human Mothers against decapentaplegic homolog 4 (SMAD4) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD4 in samples. An antibody specific for SMAD4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMAD4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMAD4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SMAD4 bound in the initial step. The color development is stopped and the intensity of the color is measured