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Product Datasheet

Human Mothers against decapentaplegic homolog 5 (SMAD5) ELISA Kit ASC-KTE60572

Article Name	Human Mothers against decapentaplegic homolog 5 (SMAD5) ELISA Kit
Biozol Catalog Number	ASC-KTE60572
Supplier Catalog Number	KTE60572
Alternative Catalog Number	ASC-KTE60572-48, ASC-KTE60572-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Mothers against decapentaplegic homolog 5 (SMAD5) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD5....
Range	Please inquire
Sensitivity	Please inquire
Tag	SMAD5
NCBI	4090
UniProt	Q99717
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Mothers against decapentaplegic homolog 5 (SMAD5) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD5 in samples. An antibody specific for SMAD5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMAD5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMAD5 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 SMAD5 bound in the initial step. The color development is stopped and the intensity of the color is measured.