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## Product Datasheet

### Human Mothers against decapentaplegic homolog 7 (Smad7) ELISA Kit ASC-KTE60571

Article Name	Human Mothers against decapentaplegic homolog 7 (Smad7) ELISA Kit
Biozol Catalog Number	ASC-KTE60571
Supplier Catalog Number	KTE60571
Alternative Catalog Number	ASC-KTE60571-48, ASC-KTE60571-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Mothers against decapentaplegic homolog 7 (Smad7) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD7....
Range	Please inquire
Sensitivity	Please inquire
Tag	SMAD7
NCBI	<a href="#">4092</a>
UniProt	<a href="#">O15105</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Mothers against decapentaplegic homolog 7 (Smad7) ELISA Kit employs a two-site sandwich ELISA to quantitate SMAD7 in samples. An antibody specific for SMAD7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMAD7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMAD7 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 SMAD7 bound in the initial step. The color development is stopped and the intensity of the color is measured.