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Product Datasheet

Human Osteopontin (OPN) ELISA Kit ASC-KTE60342

Article Name	Human Osteopontin (OPN) ELISA Kit
Biozol Catalog Number	ASC-KTE60342
Supplier Catalog Number	KTE60342
Alternative Catalog Number	ASC-KTE60342-48, ASC-KTE60342-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Osteopontin (OPN) ELISA Kit employs a two-site sandwich ELISA to quantitate SPP1....
Range	Please inquire
Sensitivity	Please inquire
Tag	SPP1
NCBI	6696
UniProt	P10451
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Osteopontin (OPN) ELISA Kit employs a two-site sandwich ELISA to quantitate SPP1 in samples. An antibody specific for SPP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPP1 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 SPP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.