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## Product Datasheet

### Human Phosphatase and tension homolog deleted on chromosome ten (PTEN/MMAC1) ELISA Kit ASC-KTE61074

Article Name	Human Phosphatase and tension homolog deleted on chromosome ten (PTEN/MMAC1) ELISA Kit
Biozol Catalog Number	ASC-KTE61074
Supplier Catalog Number	KTE61074
Alternative Catalog Number	ASC-KTE61074-48, ASC-KTE61074-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Phosphatase and tension homolog deleted on chromosome ten (PTEN/MMAC1) ELISA Kit employs a two-site sandwich ELISA to quantitate PTEN....
Range	Please inquire
Sensitivity	Please inquire
Tag	PTEN
NCBI	<a href="#">5728</a>
UniProt	<a href="#">P60484</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Phosphatase and tension homolog deleted on chromosome ten (PTEN/MMAC1) ELISA Kit employs a two-site sandwich ELISA to quantitate PTEN in samples. An antibody specific for PTEN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTEN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTEN 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 PTEN bound in the initial step. The color development is stopped and the intensity of the color is measured.