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Product Datasheet

Human Single-strand selective monofunctional uracil DNA glycosylase (SMUG1) ELISA Kit ASC-KTE60565

Article Name	Human Single-strand selective monofunctional uracil DNA glycosylase (SMUG1) ELISA Kit
Biozol Catalog Number	ASC-KTE60565
Supplier Catalog Number	KTE60565
Alternative Catalog Number	ASC-KTE60565-48, ASC-KTE60565-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Single-strand selective monofunctional uracil DNA glycosylase (SMUG1) ELISA Kit employs a two-site sandwich ELISA to quantitate SMUG1....
Range	Please inquire
Sensitivity	Please inquire
Tag	SMUG1
NCBI	23583
UniProt	Q53HV7
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Single-strand selective monofunctional uracil DNA glycosylase (SMUG1) ELISA Kit employs a two-site sandwich ELISA to quantitate SMUG1 in samples. An antibody specific for SMUG1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMUG1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMUG1 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 SMUG1 bound in the initial step. The color development is stopped and the intensity of the color is measured.