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## Product Datasheet

### Human 8-Hydroxy-desoxyguanosine (8-OHdG) ELISA Kit ASC-KTE60839

Article Name	Human 8-Hydroxy-desoxyguanosine (8-OHdG) ELISA Kit
Biozol Catalog Number	ASC-KTE60839
Supplier Catalog Number	KTE60839
Alternative Catalog Number	ASC-KTE60839-48, ASC-KTE60839-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human 8-Hydroxy-desoxyguanosine (8-OHdG) ELISA Kit employs a two-site sandwich ELISA to quantitate 8-OHdG....
Range	Please inquire
Sensitivity	Please inquire
Tag	8-OHdG
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human 8-Hydroxy-desoxyguanosine (8-OHdG) ELISA Kit employs a two-site sandwich ELISA to quantitate 8-OHdG in samples. An antibody specific for 8-OHdG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any 8-OHdG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for 8-OHdG 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 8-OHdG bound in the initial step. The color development is stopped and the intensity of the color is measured.