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## Product Datasheet

### Human Peroxiredoxin-5, mitochondrial (PRDX5) ELISA Kit BYT-ORB3146903

Article Name	Human Peroxiredoxin-5, mitochondrial (PRDX5) ELISA Kit
Biozol Catalog Number	BYT-ORB3146903
Supplier Catalog Number	orb3146903
Alternative Catalog Number	BYT-ORB3146903-48, BYT-ORB3146903-5, BYT-ORB3146903-50, BYT-ORB3146903-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Peroxiredoxin-5, mitochondrial (PRDX5) ELISA Kit employs a two-site sandwich ELISA to quantitate PRDX5....
Range	Please inquire
Sensitivity	Please inquire
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

Application Notes: This Human Peroxiredoxin-5, mitochondrial (PRDX5) ELISA Kit employs a two-site sandwich ELISA to quantitate PRDX5 in samples. An antibody specific for PRDX5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRDX5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRDX5 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 PRDX5 bound in the initial step. The color development is stopped and the intensity of the color is measured