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## Product Datasheet

### Human Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit BYT-ORB3145820

Article Name	Human Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit
Biozol Catalog Number	BYT-ORB3145820
Supplier Catalog Number	orb3145820
Alternative Catalog Number	BYT-ORB3145820-48,BYT-ORB3145820-96,BYT-ORB3145820-5,BYT-ORB3145820-50
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	Human Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit employs a two-site sandwich ELISA to quantitate UCP1 in samples....
Range	12.5 pg/mL-200 pg/mL
Sensitivity	1.0 pg/mL
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

Application Notes: Human Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit employs a two-site sandwich ELISA to quantitate UCP1 in samples. An antibody specific for UCP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UCP1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugate Human UCP1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of UCP1 bound in the initial step. The color development is stopped and the intensity of the color is measured