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## Product Datasheet

### Rat Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit ASC-KTE100027

Article Name	Rat Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit
Biozol Catalog Number	ASC-KTE100027
Supplier Catalog Number	KTE100027
Alternative Catalog Number	ASC-KTE100027-48, ASC-KTE100027-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	Rat Mitochondrial brown fat uncoupling protein 1 (UCP1) ELISA Kit employs a two-site sandwich ELISA to quantitate UCP1 in samples....
Range	5 pg/mL-80 pg/mL
Sensitivity	0.5 pg/mL
Tag	UCP1
Samples	Cell culture supernatants Serum Plasma Other biological fluids

## Application Notes

Rat 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 Rat 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.