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Product Datasheet

Rat Mitochondrial uncoupling protein 2 (UCP2) ELISA Kit ASC-KTE100026

Article Name	Rat Mitochondrial uncoupling protein 2 (UCP2) ELISA Kit
Biozol Catalog Number	ASC-KTE100026
Supplier Catalog Number	KTE100026
Alternative Catalog Number	ASC-KTE100026-48, ASC-KTE100026-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This Rat Mitochondrial uncoupling protein 2 (UCP2) ELISA Kit employs a two-site sandwich ELISA to quantitate UCP2....
Range	Please inquire
Sensitivity	Please inquire
Tag	UCP2
NCBI	54315
UniProt	P56500
Samples	Cell culture supernatants Serum Plasma Other biological fluids

Application Notes

This Rat Mitochondrial uncoupling protein 2 (UCP2) ELISA Kit employs a two-site sandwich ELISA to quantitate UCP2 in samples. An antibody specific for UCP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UCP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UCP2 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 UCP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.