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Product Datasheet

Rat Thyroid-Peroxidase (TPO) ELISA Kit ASC-KTE100040

Article Name	Rat Thyroid-Peroxidase (TPO) ELISA Kit
Biozol Catalog Number	ASC-KTE100040
Supplier Catalog Number	KTE100040
Alternative Catalog Number	ASC-KTE100040-48, ASC-KTE100040-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This Rat Thyroid-Peroxidase (TPO) ELISA Kit employs a two-site sandwich ELISA to quantitate TPO....
Range	Please inquire
Sensitivity	Please inquire
Tag	TPO
UniProt	P14650
Samples	Cell culture supernatants Serum Plasma Other biological fluids

Application Notes

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