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Product Datasheet

Human Thyroid-Peroxidase (TPO) ELISA Kit ASC-KTE60147

Article Name	Human Thyroid-Peroxidase (TPO) ELISA Kit
Biozol Catalog Number	ASC-KTE60147
Supplier Catalog Number	KTE60147
Alternative Catalog Number	ASC-KTE60147-48, ASC-KTE60147-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Thyroid-Peroxidase (TPO) ELISA Kit employs a two-site sandwich ELISA to quantitate TPO....
Range	Please inquire
Sensitivity	Please inquire
Tag	TPO
NCBI	7173
UniProt	P07202
Samples	Cell culture supernatants Serum Plasma Other biological fluids

Application Notes

This Human 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.