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Product Datasheet

Human Lactoperoxidase (LPO) ELISA Kit ASC-KTE62650

Article Name	Human Lactoperoxidase (LPO) ELISA Kit
Biozol Catalog Number	ASC-KTE62650
Supplier Catalog Number	KTE62650
Alternative Catalog Number	ASC-KTE62650-48, ASC-KTE62650-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Lactoperoxidase (LPO) ELISA Kit employs a two-site sandwich ELISA to quantitate LPO....
Range	Please inquire
Sensitivity	Please inquire
Tag	LPO
NCBI	4025
UniProt	P22079
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

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