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Product Datasheet

Human Signal transducer and activator of transcription 3 (STAT3) ELISA Kit ASC-KTE60377

Article Name	Human Signal transducer and activator of transcription 3 (STAT3) ELISA Kit
Biozol Catalog Number	ASC-KTE60377
Supplier Catalog Number	KTE60377
Alternative Catalog Number	ASC-KTE60377-48, ASC-KTE60377-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Signal transducer and activator of transcription 3 (STAT3) ELISA Kit employs a two-site sandwich ELISA to quantitate STAT3....
Range	Please inquire
Sensitivity	Please inquire
Tag	STAT3
NCBI	6774
UniProt	P40763
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Signal transducer and activator of transcription 3 (STAT3) ELISA Kit employs a two-site sandwich ELISA to quantitate STAT3 in samples. An antibody specific for STAT3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STAT3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STAT3 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 STAT3 bound in the initial step. The color development is stopped and the intensity of the color is measured.