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Product Datasheet

Rat Cyclooxygenase-2 (COX-2) ELISA Kit ASC-KTE100863

Article Name	Rat Cyclooxygenase-2 (COX-2) ELISA Kit
Biozol Catalog Number	ASC-KTE100863
Supplier Catalog Number	KTE100863
Alternative Catalog Number	ASC-KTE100863-48, ASC-KTE100863-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This Rat Cyclooxygenase-2 (COX-2) ELISA Kit employs a two-site sandwich ELISA to quantitate PTGS2....
Range	Please inquire
Sensitivity	Please inquire
Tag	PTGS2
NCBI	100009248
UniProt	O02768
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Rat Cyclooxygenase-2 (COX-2) ELISA Kit employs a two-site sandwich ELISA to quantitate PTGS2 in samples. An antibody specific for PTGS2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTGS2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTGS2 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 PTGS2 bound in the initial step. The color development is stopped and the intensity of the color is measured.