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Product Datasheet

EliKine(TM) Rat IL-1beta ELISA Kit ASC-KTE9001

Article Name	EliKine(TM) Rat IL-1beta ELISA Kit
Biozol Catalog Number	ASC-KTE9001
Supplier Catalog Number	KTE9001
Alternative Catalog Number	ASC-KTE9001-48, ASC-KTE9001-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	EliKine(TM) Rat IL-1beta ELISA Kit employs a two-site sandwich ELISA to quantitate Rat IL-1beta....
Range	62.5 pg/ml-4000 pg/ml
Sensitivity	32 pg/mL
Tag	IL1B
NCBI	24494
UniProt	Q5BKB0
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

EliKine(TM) Rat IL-1beta ELISA Kit employs a two-site sandwich ELISA to quantitate IL-1beta in samples. An antibody specific for IL-1beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-1beta present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-1beta is added to the wells. After washing, proprietary EliKine(TM) Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-1beta bound in the initial step. The color development is stopped and the intensity of the color is measured.