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Product Datasheet

Human 2,3-Disphosphoglycerate (2,3-DPG) ELISA Kit ASC-KTE60832

Article Name	Human 2,3-Disphosphoglycerate (2,3-DPG) ELISA Kit
Biozol Catalog Number	ASC-KTE60832
Supplier Catalog Number	KTE60832
Alternative Catalog Number	ASC-KTE60832-48, ASC-KTE60832-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human 2,3-Disphosphoglycerate (2,3-DPG) ELISA Kit employs a two-site sandwich ELISA to quantitate 2,3DPG....
Range	Please inquire
Sensitivity	Please inquire
Tag	2,3DPG
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human 2,3-Disphosphoglycerate (2,3-DPG) ELISA Kit employs a two-site sandwich ELISA to quantitate 2,3DPG in samples. An antibody specific for 2,3DPG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any 2,3DPG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for 2,3DPG 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 2,3DPG bound in the initial step. The color development is stopped and the intensity of the color is measured.