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Product Datasheet

Human Aldose Reductase (AR) ELISA Kit ASC-KTE60638

Article Name	Human Aldose Reductase (AR) ELISA Kit
Biozol Catalog Number	ASC-KTE60638
Supplier Catalog Number	KTE60638
Alternative Catalog Number	ASC-KTE60638-48, ASC-KTE60638-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Aldose Reductase (AR) ELISA Kit employs a two-site sandwich ELISA to quantitate AKR1B1....
Range	Please inquire
Sensitivity	Please inquire
Tag	AKR1B1
NCBI	231
UniProt	P15121
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes	This Human Aldose Reductase (AR) ELISA Kit employs a two-site sandwich ELISA to quantitate AKR1B1 in samples. An antibody specific for AKR1B1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AKR1B1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AKR1B1 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 AKR1B1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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