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Product Datasheet

Human Collagen Type I Alpha 1 (COL1A1) ELISA Kit ASC-KTE62512

Article Name	Human Collagen Type I Alpha 1 (COL1A1) ELISA Kit
Biozol Catalog Number	ASC-KTE62512
Supplier Catalog Number	KTE62512
Alternative Catalog Number	ASC-KTE62512-48, ASC-KTE62512-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Collagen Type I Alpha 1 (COL1A1) ELISA Kit employs a two-site sandwich ELISA to quantitate COL1A1....
Range	Please inquire
Sensitivity	Please inquire
Tag	COL1A1
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Collagen Type I Alpha 1 (COL1A1) ELISA Kit employs a two-site sandwich ELISA to quantitate COL1A1 in samples. An antibody specific for COL1A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any COL1A1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for COL1A1 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 COL1A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.