

ARG83215 Human vWF ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83215 Human vWF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human vWF in Serum, Plasma (heparin, EDTA, citrate), Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	vWF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	66 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants.
Precision	Intra-Assay CV: 5.1% Inter-Assay CV: 7.1%
Alternate Names	VWD; von Willebrand factor; vWF; von Willebrand antigen II; F8VWF

Application Instructions

Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

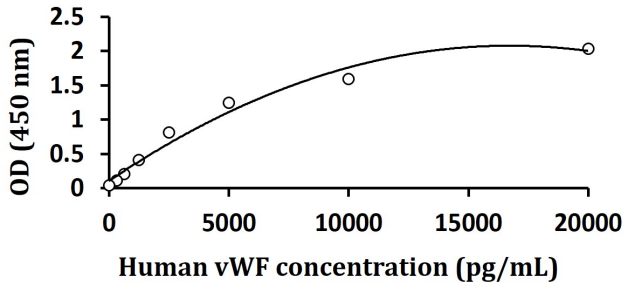
Gene Symbol	vWF
Gene Full Name	von Willebrand factor
Function	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.
PTM	All cysteine residues are involved in intrachain or interchain disulfide bonds.

N- and O-glycosylated.

Cellular Localization

Secreted. Secreted, extracellular space, extracellular matrix. Note=Localized to storage granules.

Images



ARG83215 Human vWF ELISA Kit standard curve image

ARG83215 Human vWF ELISA Kit results of a typical standard run with optical density reading at 450 nm.