

ARG82138 Ascorbic Acid Assay Kit (Colorimetric)

Package: 100 tests

Store at: -20°C

Summary

Product Description	ARG82138 Ascorbic Acid Assay Kit (Colorimetric) is a detection kit for the quantification of Ascorbic Acid in serum, plasma, urine, saliva, milk, tissue and cell culture supernatants.
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	FuncSt
Target Name	Ascorbic Acid
Conjugation Note	Read at 570 nm (colorimetric), or 530/585 nm (fluorometric)
Sensitivity	OD: 6 µM; FL: 1 µM
Detection Range	6 - 1000 µM (colorimetric); 1 - 100 µM (fluorometric)
Sample Type	serum, plasma, urine, saliva, milk, tissue and cell culture supernatants
Sample Volume	20 µl

Application Instructions

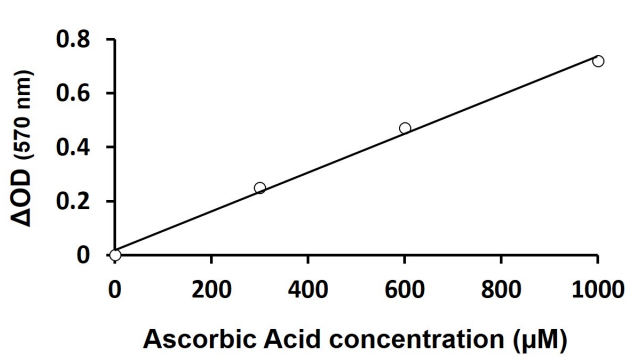
Application Note	Please note that this kit does not include a microplate.
Assay Time	10 min

Properties

Form	Liquid
Storage instruction	Store the kit at -20°C. 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

Background	Ascorbic acid is a role as a coenzyme, a flour treatment agent, a food antioxidant, a plant metabolite, a cofactor, a skin lightening agent, a geroprotector and a food colour retention agent. It is an ascorbic acid and a vitamin C.
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ARG82138 Ascorbic Acid Assay Kit (Colorimetric) typical data demonstration image

ARG82138 Ascorbic Acid Assay Kit (Colorimetric) results of a typical data with optical density reading at 570 nm.