

## ARG81388 Citrate Assay Kit

Package: 100 tests

Store at: -20°C

### Component

Cat. No.	Component Name	Package
ARG81388-1	Citrate Developer	10 ml
ARG81388-2	Citrate Standard	500 µl
ARG81388-3	Citrate lyase Enzyme	1 vials (lyophilized)
ARG81388-4	Oxaloacetate decarboxylase Enzyme	120 µl
ARG81388-5	Dye Reagent	120 µl

### Summary

Product Description	ARG81388 Citrate Assay Kit is a detection kit for the quantification of Citrate in serum, plasma, urine, tissue/cell lysate and cell culture supernatants.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Citrate
Conjugation Note	Read at 570 nm (colorimetric) or $\lambda$ ex/em = 530/585 nm (fluorometric).
Sensitivity	4 µM (colorimetric) 0.5 µM (fluorometric)
Sample Type	Serum, plasma, urine, tissue/cell lysate and cell culture supernatants.
Standard Range	4 - 400 µM (colorimetric assays) 0.5 - 40 µM (fluorimetric assays)
Sample Volume	20 µl

### Application Instructions

Application Note	Please note that this kit does not include a microplate.
Assay Time	20 min

### Properties

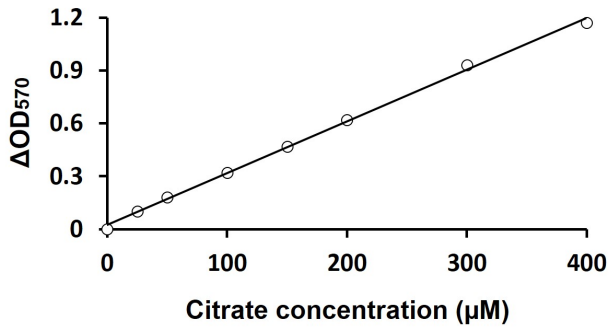
Form	Liquid
Storage instruction	Store the kit at -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Highlight

Related news:

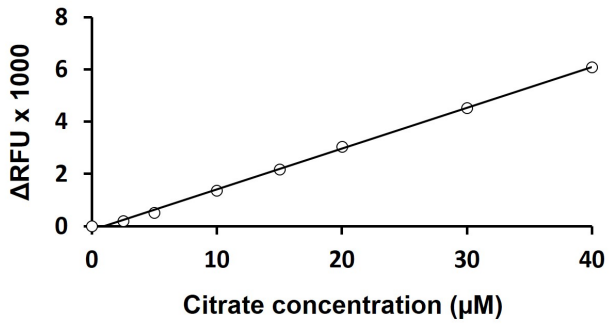
[TCA intermediate fumarate promotes mitobiogenesis](#)

Images



ARG81388 Citrate Assay Kit standard curve image

ARG81388 Citrate Assay Kit results of a typical standard run with optical density reading at 570 nm.



ARG81388 Citrate Assay Kit standard curve image

ARG81388 Citrate Assay Kit results of a typical standard run with optical density reading at  $\lambda$  ex/em = 530/585 nm.