

## ARG82999 Sialic Acid Assay Kit

Package: 100 tests  
Store at: -20°C

### Summary

Product Description	ARG82999 Sialic Acid Assay Kit is a detection kit for the quantification of Sialic Acid in serum, urine, tissue/cell lysate, cell culture supernatants and other biological samples.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Sialic Acid
Conjugation Note	Read at 570 nm (colorimetric) or $\lambda$ ex/em = 530/585 nm (fluorometric).
Sensitivity	20 $\mu$ M (colorimetric) 2 $\mu$ M (fluorometric)
Sample Type	Serum, urine, tissue/cell lysate, cell culture supernatants and other biological samples.
Standard Range	20 - 1000 $\mu$ M (colorimetric assays) 2 - 100 $\mu$ M (fluorimetric assays)
Sample Volume	10 $\mu$ l

### Application Instructions

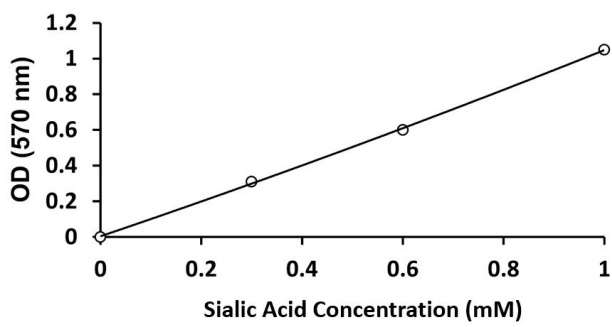
Application Note	Please note that this kit does not include a microplate.
Assay Time	60 min

### 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.

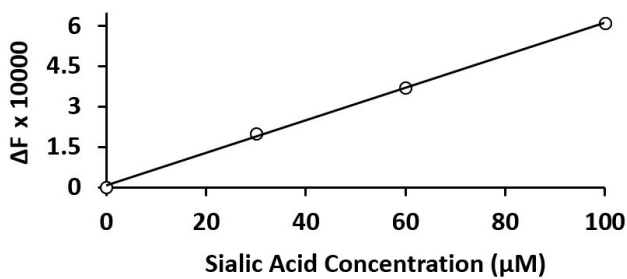
### Bioinformation

Background	Sialic acids are a class of alpha-keto acid sugars with a nine-carbon backbone. The most common member of this group is N-acetylneuraminic acid (Neu5Ac or NANA) found in animals and some prokaryotes.[Wikipedia]
Highlight	Related news: <a href="#">TCA intermediate fumarate promotes mitobiogenesis</a>



ARG82999 Sialic Acid Assay Kit standard curve image

ARG82999 Sialic Acid Assay Kit results of a typical standard run with optical density reading at 570 nm.



ARG82999 Sialic Acid Assay Kit typical data demonstration image

ARG82999 Sialic Acid Assay Kit results of a typical standard, using fluorometric reading.