

## ARG83400 4-Coumarate CoA Ligase Activity Assay Kit

Package: 100 tests  
Store at: 4°C, -20°C

### Summary

Product Description	ARG83400 4-Coumarate CoA Ligase Activity Assay Kit can be used to measure 4-Coumarate CoA Ligase in tissue extracts, cell lysate, cell culture media and other biological fluids.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	4-Coumarate CoA Ligase
Conjugation Note	Read at 333 nm
Sample Type	Tissue extracts, cell lysate, cell culture media and other biological fluids.
Sample Volume	10 µl
Alternate Names	4-Coumarate-CoA ligase; 37332-51-7; 4-coumaroyl-CoA synthetase; 4-coumaroyl-coenzyme A synthetase

### Application Instructions

Assay Time	5 min
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### Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -20°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

Background	This enzyme belongs to the family of ligases.
Function	4-Coumarate:CoA ligase (4CL; EC 6.2.1.12) has a pivotal role in the biosynthesis of plant secondary compounds at the divergence point from general phenylpropanoid metabolism to several major branch pathways.