

**ARG82149**  
**Creatine Assay Kit (Colorimetric)**

Package: 100 tests

Store at: -20°C

### Summary

Product Description	ARG82149 Creatine Assay Kit (Colorimetric) is a detection kit for the quantification of Creatine in Serum, plasma, urine and saliva.
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	FuncSt
Target Name	Creatine
Conjugation Note	Read at 570 nm (colorimetric), or 530/585 nm (fluorometric)
Sensitivity	4 µM
Detection Range	4 - 1000 µM (colorimetric); 0.5 - 50 µM (fluorometric)
Sample Type	Serum, plasma, urine and saliva
Sample Volume	10 µl

### Application Instructions

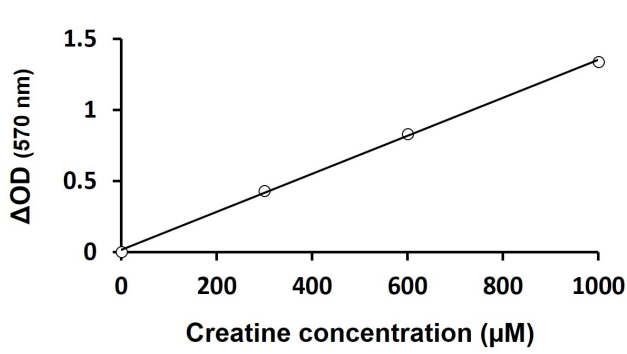
Application Note	Please note that this kit does not include a microplate.
Assay Time	30 min

### 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	Creatine is an endogenous amino acid derivative produced by vertebrate animals and occurring primarily in muscle cells.
Function	Creatine is important for energy storage; it is phosphorylated to creatine phosphate, which serves as a phosphate donor in the conversion of ADP to ATP and supplies energy necessary for muscle contraction. Dietary supplementation with creatine may improve muscle wasting associated with cancer and other chronic diseases.



ARG82149 Creatine Assay Kit (Colorimetric) typical data demonstration image

ARG82149 Creatine Assay Kit (Colorimetric) results of a typical data with optical density reading at 570 nm.