

ARG83430 Urate Oxidase Assay Kit

Package: 96 wells
Store at: 4°C, -20°C, -80°C

Summary

Product Description	ARG83430 Urate Oxidase Assay Kit can be used to measure Urate oxidase in tissue extracts, cell lysate, cell culture media and other biological fluids.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Urate oxidase
Conjugation Note	Read at 550 nm
Sensitivity	0.01 µmol/ml
Sample Type	Tissue extracts, cell lysate, cell culture media and other biological fluids.
Standard Range	0.03 µmol/ml - 3 µmol/ml
Sample Volume	10 µl
Alternate Names	factor-independent urate hydroxylase; uric acid oxidase; uricase; uricase II; urate oxidase

Application Instructions

Assay Time	15 min
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -20°C, -80°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 was previously thought to be a copper protein, but it is now known that the enzymes from soy bean (Glycine max), the mould <i>Aspergillus flavus</i> and <i>Bacillus subtilis</i> contains no copper nor any other transition-metal ion. The 5-hydroxyisourate formed decomposes spontaneously to form allantoin and CO ₂ , although there is an enzyme-catalysed pathway in which EC 3.5.2.17, hydroxyisourate hydrolase, catalyses the first step. The enzyme is different from EC 1.14.13.113 (FAD-dependent urate hydroxylase).
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