

ARG83366
Pyruvate Assay KitPackage: 100 assay
Store at: 4°C, -20°C

Summary

Product Description	ARG83366 Pyruvate Assay Kit is for quantification of pyruvate in serum, plasma, saliva, urine, cell culture supernatants, cell lysate and tissue lysates
Tested Reactivity	All
Tested Application	FuncSt
Target Name	Pyruvate
Conjugation	Un-conjugated
Conjugation Note	Read at 530-570 nm.
Sensitivity	1.0 µM
Sample Type	Serum, plasma, saliva, urine, cell culture supernatants, cell lysate and tissue lysates
Standard Range	1.25 - 80 µM

Application Instructions

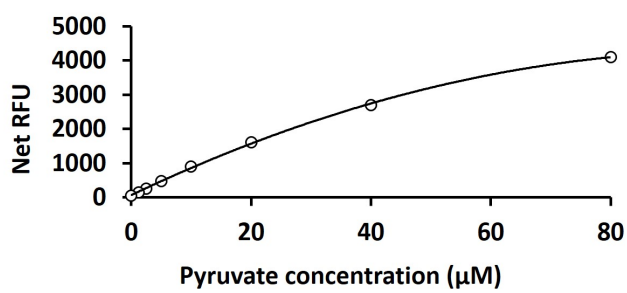
Assay Time	~1 hours
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Properties

Form	Liquid
Storage instruction	Store components at 4°C, -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

Function	Pyruvate is an alpha-keto acid synthesized from glucose in the glycolytic pathway that serves as a key intermediate in several metabolic pathways. It can be converted to carbohydrates through the process of gluconeogenesis or to fatty acids through a reaction with acetyl-CoA. The process of fermentation converts pyruvate to ethanol or lactic acid. Pyruvate can also be used in the synthesis of amino acids and can provide energy to cells through the citric acid cycle.
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ARG83366 Pyruvate Assay Kit standard curve image

ARG83366 Pyruvate Assay Kit results of a typical standard run with optical density reading at 450 nm.