

We offer various packaging (protein concentration, activity, etc.) if necessary.

Data sheet

Enzyme	;	Glucokinase YK1
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Code	;	GLK-97-01
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Lot No.	;	1-K001T
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Protein conc.	;	mg/ml
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Volume	;	ml
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Form	;	20 mM Tris-HCl (pH 7.5)
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Storage	;	-20 °C *Avoid repeated freeze and thaw cycles.
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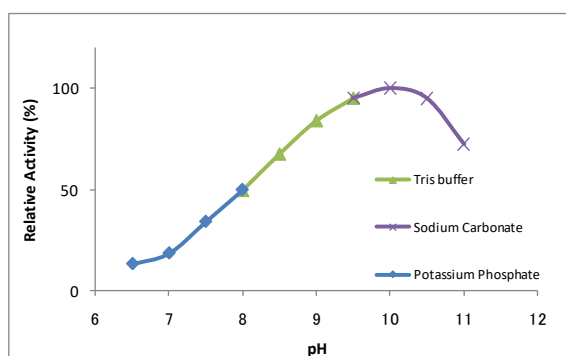
Activity	;	U/ml
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Notes	;	For research use only
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Activity measurement

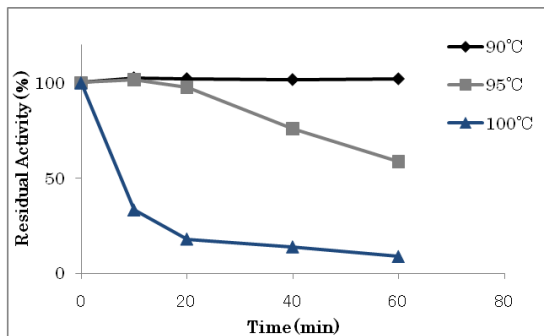
Reaction mix (5 mM Glucose, 0.3 mM NADP⁺, 50 mM PIPES-KOH (pH 7.0), 10 mM MgCl₂, 5 mM ATP, 1 U/ml glucose 6-phosphate dehydrogenase and appropriate amount of the enzyme) was incubated at 37 °C and A₃₄₀ was monitored using $\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$. One unit is defined as the amount of enzyme producing 1 μmol of glucose 6-phosphate per minute from glucose as a substrate.

pH profile



Stability

pH 7.0



pH 10.0

