

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

Data sheet

Enzyme	: Glucosephosphate isomerase YK1
--------	---

Code ; GPI-97-01

Lot No. ;

Protein conc. ; mg/ml

Volume ; 0.1 ml

Form ; 20 mM Tris-HCl (pH 7.5), 20 mM KCl

Storage ; -20 °C

Activity ; 100 U/ml

Notes ; For research use only.

Activity measurement

Reaction mix (20 mM Potassium phosphate buffer (pH 7.0), 5 mM Fructose 6-phosphate, 0.2 mM NADP⁺, 10 U/ml Glucose 6-phosphate dehydrogenase and appropriate amount of the enzyme) was incubated at 50 °C and A₃₄₀ was monitored. One unit is defined as the amount of enzyme reducing 1 μmol of NADP⁺ ($\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$) per 1 minute using Fructose 6-phosphate as a substrate.

pH profile