

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

## Data sheet

Enzyme	: <b>Triosephosphate isomerase YK1</b>
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Code ; TPI-97-01

Lot No. ; 1-S201A

Protein conc. ; mg/ml

Volume ; ml

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

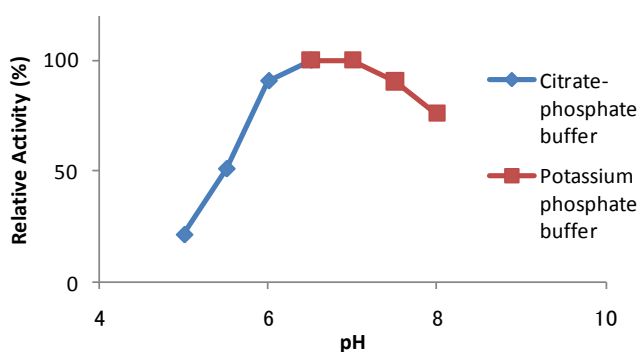
Storage ; -20 °C

Activity ; U/ml

Notes ; For research use only.

**Activity measurement**

Reaction mix (20 mM Potassium phosphate buffer (pH 7.0), 1 mM Glyceraldehyde 3-phosphate, 0.3 mM NADH, 10 U/ml Glycerol 3-phosphate dehydrogenase and appropriate amount of the enzyme) was incubated at 50 °C and  $A_{340}$  was monitored. One unit is defined as the amount of enzyme oxidizing 1  $\mu\text{mol}$  of NADH ( $\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$ ) per 1 minute using Glyceraldehyde 3-phosphate as a substrate.

pH profileThermostability