

There is a possibility of changing the 'Code' and/or 'Lot No.'

'Protein conc.' and 'Activity' might vary between lots.

#### Data sheet

Enzyme ; **Glyceraldehyde-3-phosphate dehydrogenase YK1**

Code ; GAP-97-01

Lot No. ; 1-H201A

Protein conc. ; 11 mg/ml

Volume ; 1 ml

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

Storage ; -20 °C

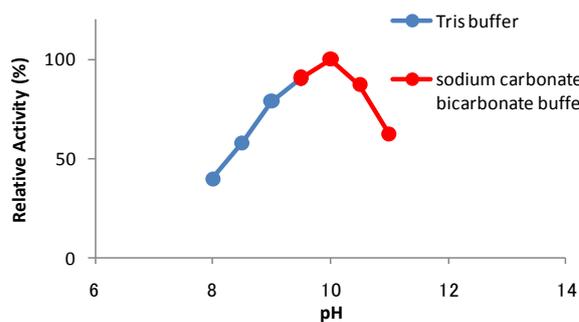
Activity ; 120 U/ml

Notes ; For research use only.

#### Activity measurement

Reaction mix (20 mM Potassium phosphate buffer (pH 7.0), 1 mM Glyceraldehyde 3-phosphate, 1 mM NAD<sup>+</sup> and appropriate amount of the enzyme) was incubated at 50 °C and A<sub>340</sub> was monitored. One unit is defined as the amount of enzyme producing 1 μmol of NADH ( $\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$ ) per 1 minute using Glyceraldehyde 3-phosphate as a substrate.

#### pH profile



#### Thermostability

