

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

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

Data sheet

Enzyme ; **Alcohol dehydrogenase HI1**

Code ; ADH-73-01

Lot No. ; 1-H101B

Protein conc. ; 11 mg/ml

Volume ; 1 ml

Form ; 50 mM Tris-HCl (pH 7.5), 50 mM NaCl

Storage ; -20 °C

Activity ; 42.4 U/ml

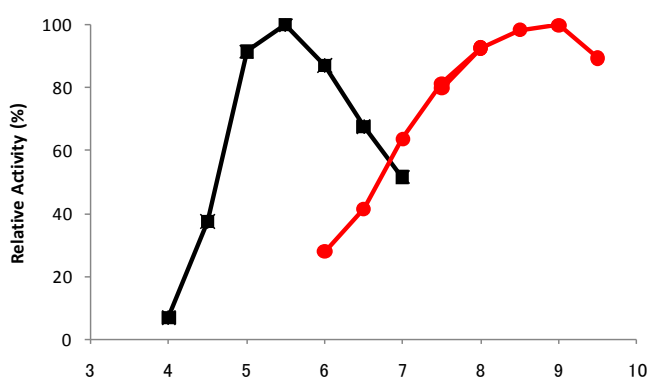
Notes ; For research use only.

Activity measurement

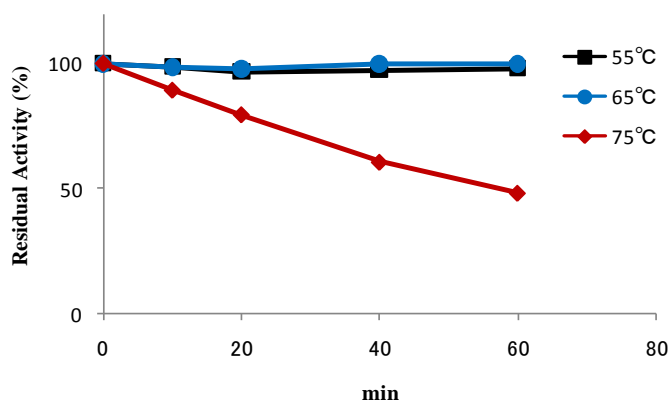
Reaction mix (50 mM Sodium acetate buffer (pH 5.5), 10 mM Propionaldehyde, 0.3 mM NADH and appropriate amount of the enzyme) was incubated at 65 °C and A_{340} was monitored.

One unit is defined as the amount of enzyme oxidizing 1 μmol of NADH per minute using $\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$.

pH profile



Thermostability



Substrate specificity