

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 HI2**

Code ; ADH-73-02

Lot No. ; 1-I201T

Protein conc. ; 6.4 mg/ml

Volume ; 1 ml

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

Storage ; -20 °C

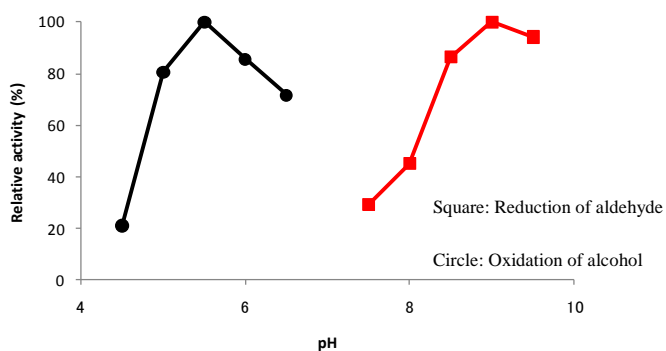
Activity ; 6.29 U/ml

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 μ mol of NADH ($\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$) per 1 minute using Propionaldehyde as a substrate.

pH profile



Substrate specificity

