

Yeast Aldehyde Dehydrogenase (pan ALDH)

Catalog No.:	BA020
Quantity:	0.25 kU
Concentration:	4,6 mg/ml
Species:	Yeast
Source:	Baker's yeast
Format:	State: Liquid semi purified ALDH from yeast Purity: >1U/mg ~ 20% Buffer System: TRIS buffered saline
Applications:	ELISA. Functional assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Semi-purified ALDH from yeast. Specific Activity: 7.2 U/mg protein; 0.9 U/mg material Molecular weight: 200 kDa
Add. Information:	Unit definition: The amount of enzyme that will oxidize one micromole of acetaldehyde to acetic acid per minute at 25°C, pH 8.0, in the presence of K ⁺ ions, thiols and β-NAD ⁺ .
Storage:	Store at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Steinman, C.R. and Jakoby, W.B. (1967) J. Biol. Chem. 242, 5017