

Human Lactate Dehydrogenase 5 Enzyme

Catalogue No.: abx070018

Human Lactate Dehydrogenase 5 Enzyme is an enzyme from Human Liver. This enzyme is from Human Liver.

Target: Lactate Dehydrogenase Isoenzyme 5 (LDH5)

Origin: Human

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Purity: > 98% LD5
Isozyme content:
LD1: ≤ 2.0%
LD2: ≤ 2.0%
LD3: ≤ 2.0%
LD4: ≤ 2.0%
LD5: ≥ 95%
CK: ≤ 1%

Purification: Purified from Human Liver.

Form: Liquid

Conjugation: Unconjugated

Storage: Store at 2-8 °C. Do not freeze.

Expression: Native

Activity: Active

Biological Activity: Activity: 1410 U/ml (37 °C Dimension)
Specific Activity: 320 U/mg protein
One unit will catalyse the oxidation of one µmol of L-lactate to pyruvate at 37 °C, pH 9.4.

Concentration: 4.4 mg protein/ml

Buffer: 3.1 M Ammonium Sulphate, 50 mM Tris-Chloride, 1 mM DTT, 1 mM EDTA, pH 8.3. Does not contain preservatives.

Directions for use: Centrifuge before opening to ensure complete recovery of vial contents.

Note: This product is for research use only.