

Lactate Dehydrogenase B Recombinant

Item Number rAP-0995

Synonyms Lactate Dehydrogenase, LDH.

Description The DNA encoding chicken LDH-B is cloned from cDNA library of chicken heart.

Uniprot Accesion Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile lyophilized powder. Lyophilized Lactate Dehydrogenase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution LDH should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Formulation and Purity The protein (1 mg/ml) was lyophilized with 0.1mg potassium phosphate. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Application

Solubility It is recommended to reconstitute the lyophilized LDH in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Biological Activity The specific activity was found to be 258 U/mg protein.

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**