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Certificate of Analysis and Data Sheet

Native Human Lactate Dehydrogenase Isoenzyme 5 (LDH5)

Catalog No. MD-14-0051P	Source N/A
Description:	Human Lactate Dehydrogenase 5 Lactate Dehydrogenase Isoenzyme 5 (LDH5) Contaminants: ALP <0.01% CK 0.1% GOT <0.01% GGT <0.01% GPT <0.01%
Source:	Human Liver
Format:	Ammonia sulfate suspension, Liquid
Purification:	100% LD5 (Helena QuickGel® LD Isozyme Kit)
Activity:	1,860 Unit/ml @ 37°C Dimension
Protein:	8.5 mg Protein/ml (Coomassie)
Specific Activity:	220 Units/mg protein One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate at 37°C and pH 8.55
Buffer:	3.1M Ammonium sulfate, 50mM Tris-Chloride, 1mM DTT, 1mM EDTA, pH 8.3
Preservative:	None
Applications:	Specific methodologies have not been tested using this product.
Storage:	Store at 2–8°C. DO NOT FREEZE!
Inactivation:	Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**