



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Native Human Lactate Dehydrogenase Isoenzyme 4

Catalog No.
MD-14-0050P

Source
Human Liver

Description: Human Lactate Dehydrogenase 4
Lactate Dehydrogenase Isoenzyme 4 (LDH4)

Contaminants:

ALP	<0.1%
gGT	<0.1%
GOT	<0.1%
GPT	<0.1%

Source: Human Liver

Format: Ammonium sulfate suspension, Liquid

Purification:

LDH-4	100% (Helena Quick Gel electrophoresis)
LDH-1	not detected
LDH-2	not detected
LDH-3	not detected
LDH-5	not detected

Activity: 405 Units/ml @ 37°C (Dimension)

Protein: 1.1mg/ml (Coomassie)

Specific Activity: 370 Units/mg protein
One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.

Buffer: Suspension in 3.1M Ammonium sulfate, 50mM Tris-chloride, 1mM DTE, 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.**