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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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L-Lactate Dehydrogenase (L-LDH), pig muscle

Cat. No.:	HY-P2807J	
CAS No.:	9001-60-9	
Target:	Lactate Dehydrogenase	
Pathway:	Metabolic Enzyme/Protease	L-Lactate Dehydrogenase (L-LDH), pig muscle
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

L-Lactate Dehydrogenase (L-LDH), pig muscle is an L-lactate dehydrogenase found in pig muscle, mainly present in anaerobic tissues (skeletal muscle, red blood cells). L-Lactate Dehydrogenase (L-LDH), pig muscle can interact with acidic liposomes at low pH, causing protein to adsorb onto the liposomes and inhibit enzyme activity. The IC₅₀ values for L-Lactate Dehydrogenase (L-LDH), pig muscle are 0.05 μ M for cardiolipin and 1.3 μ M for phosphatidylserine liposomes^[1].

REFERENCES

[1]. Terlecki G, et al. Ultracentrifugation studies of the location of the site involved in the interaction of pig heart lactate dehydrogenase with acidic phospholipids at low pH. A comparison with the muscle form of the enzyme. Cell Mol Biol Lett. 2007 Sep;12(3):378-95.

Caution: Product has not been fully validated for medical applications. For research use only.

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