

Isocitrate dehydrogenase, Porcine heart

Cat. No.:	HY-P2993
CAS No.:	9028-48-2
Target:	Isocitrate Dehydrogenase (IDH)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Isocitrate dehydrogenase

BIOLOGICAL ACTIVITY

Description

Isocitrate dehydrogenase, Porcine heart (ICDH) is a citric acid or tricarboxylic acid cycle enzyme, is often used in biochemical studies. Isocitrate dehydrogenase catalyzes the oxidative decarboxylation of isocitrate to α -ketoglutarate and reduces NAD(P)⁺ to NAD(P)H, it plays important roles in cellular metabolism^[1].

REFERENCES

[1]. Reitman ZJ, Yan H. Isocitrate dehydrogenase 1 and 2 mutations in cancer: alterations at a crossroads of cellular metabolism. J Natl Cancer Inst. 2010 Jul 7;102(13):932-41.

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

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