Creative Enzymes®

D-2-hydroxyacid dehydrogenase (quinone)

Cat. No. EXWM-0428

Lot. No. (See product label)

Introduction

Description	The enzyme from mammalian kidney contains one mole of FAD per mole of enzyme.(R)-lactate, (R)-malate and meso-tartrate are good substrates. Ubiquinone-1 and the dye 2,6-dichloroindophenol can act as acceptors; NAD+ and NADP+ are not acceptors.
Synonyms	(R)-2-hydroxy acid dehydrogenase; (R)-2-hydroxy-acid:(acceptor) 2-oxidoreductase; D-lactate dehydrogenase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.5.10
Reaction	(R)-2-hydroxyacid + a quinone = 2-oxoacid + a quinol
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.