



Methylmalonic Acid [HRP] (DAG3006)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Methylmalonic Acid, HRP-Conjugated
Species	N/A
Conjugate	HRP
Applications	immunoassay development or other applications.
Format	Liquid
Concentration	1 mg/mL
Size	1 ml
Buffer	1:1 glycerol / 0.015 M phosphate, 0.15 M NaCl, pH 7.2
Preservative	None
Storage	Store at -20°C.

BACKGROUND

Introduction	Methylmalonic acid (MMA) is a dicarboxylic acid that is a C-methylated derivative of malonate. The coenzyme A linked form of methylmalonic acid, methylmalonyl-CoA, is converted into succinyl-CoA by methylmalonyl-CoA mutase, in a reaction that requires vitamin B12 as a cofactor. In this way, it enters the Krebs cycle, and is thus part of one of the anaplerotic reactions.
Keywords	Methylmalonic acid; MMA; Isosuccinic acid; 1,1-ethanedicarboxylic acid; NSC 25201