



# Methylmalonic Acid [HRP] (DAG3006)

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

## PRODUCT INFORMATION

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Methylmalonic acid; MMA; Isosuccinic acid; 1,1-ethanedicarboxylic acid; NSC 25201