



## Methyl Malonic Acid in serum/plasma

Value Data Sheet 1017 CON M MMA

Serum Controls for LCMSMS Assay in serum/plasma

**REF** 1017 CON M MMA

**LOT** K11D20/04

 2023/12

**IVD** For in vitro diagnostic use

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**Intended use:**

This product is for the purpose of verifying the Methyl Malonic Acid (MMA) assay. These lyophilized MMA controls are prepared from human serum. Stabilizers are added to stabilize the analytes for accurate verification of the MMA procedure. After reconstitution these lyophilized controls should be treated like a patient sample.

**Reconstitution:**

Add exactly 1,0 ml of deionized water to the vial and let stand for 15 minutes. Mix gently for another 15 minutes. When all material is dissolved the solution is ready for use.

**Storage and Stability**

This product will be stable until the expiration date when stored unopened at 2 - 8 °C.

After reconstitution the stability of the analytes is: 1 week at 2 - 8 °C  
2 weeks at - 20 °C

The stated stabilities are only valid in case of no bacterial contamination. Avoid repeated freezing and thawing.

**Caution:**

The human serum used for manufacturing the controls was tested for the following infectious markers and found negative: HIV1/2-, HBV- and HCV-antibodies, Hepatitis B-surface antigen, HIV1- and HCV-RNA, HBV-DNA (NAT). Nevertheless, the serum controls should be considered as potentially infectious and treated with appropriate care.


**Pack size:**

Methylmalonic Acid Control Set  
3 x 3 x 1 ml, Controls I - III

**Notes:**

The concentrations of the analytes are chosen in ranges where valid results can be obtained. The variation of the filling volume (CV) is < 1 %.

**Concentrations:**

1017 CON M MMA	<div style="border: 1px solid black; padding: 2px; display: inline-block;">                         LOT   </div>	MMA (nmol/l)	
		Mean	Range
Control I 1014	09Q19/07 2023/12	155 nmol/l	104 – 206 nmol/l
Control II 1015	09Q19/08 2023/12	527 nmol/l	422 – 632 nmol/l
Control III 1016	09Q19/09 2023/12	1464 nmol/l	1171 – 1757 nmol/l