

Reporting Title: HGEM, P
Performing Location: Rochester

Necessary Information:
Patient's age is required.

Specimen Requirements:
Collection Container/Tube:
Preferred: Green top (sodium heparin)
Acceptable: Lavender top (EDTA), green top (lithium heparin)
Submission Container/Tube: Plastic vial
Specimen Volume: 0.1 mL
Collection Instructions: Centrifuge and aliquot plasma into a plastic vial.

Forms:
[If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma	Refrigerated (preferred)	90 days	
	Frozen	90 days	
	Ambient	12 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
36063	3-OH Glutaric acid	Numeric	nmol/mL	69851-4
36062	2-OH Glutaric acid	Numeric	nmol/mL	69845-6
36064	Glutaric acid	Numeric	nmol/mL	27301-1
36065	Methylsuccinic acid	Numeric	nmol/mL	69829-0
36066	Ethylmalonic acid	Numeric	nmol/mL	79476-8
36067	Interpretation (HGEMP)	Alphanumeric		59462-2
36068	Reviewed By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:
83918

Reference Values:

- 2-OH Glutaric acid < or =4.5 nmol/mL
- 3-OH Glutaric acid < or =0.7 nmol/mL
- Glutaric acid < or =0.8 nmol/mL
- Methylsuccinic acid < or =0.3 nmol/mL
- Ethylmalonic acid < or =1.5 nmol/mL