

Reporting Title: HGEM, S  
Performing Location: Rochester

Necessary Information:  
Patient's age is required.

Specimen Requirements:  
Collection Container/Tube: Red top  
Submission Container/Tube: Plastic vial  
Specimen Volume: 0.1 mL  
Collection Instructions: Centrifuge and aliquot serum 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
Serum Red	Refrigerated (preferred)	90 days	
	Frozen	90 days	
	Ambient	4 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
36055	2-OH Glutaric acid	Numeric	nmol/mL	69845-6
36056	3-OH Glutaric acid	Numeric	nmol/mL	69851-4
36057	Glutaric acid	Numeric	nmol/mL	27301-1
36058	Methylsuccinic acid	Numeric	nmol/mL	69829-0
36059	Ethylmalonic acid	Numeric	nmol/mL	79476-8
36060	Interpretation (HGEMS)	Alphanumeric		59462-2
36061	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

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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