

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

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

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