

**Reporting Title:** Psychosine, BS**Performing Location:** Rochester**Ordering Guidance:**

This test is recommended for newborns or infants who have not had previous psychosine testing. This test is not intended to be used as a monitoring test for individuals with Krabbe disease who are treated or for children or adults at risk of developing Krabbe disease. For patients older than infancy, order PSYR / Psychosine, Whole Blood.

**Specimen Requirements:**

Supplies: Card-Blood Spot Collection (Filter Paper) (T493)

Container/Tube:

Preferred: Card-Blood Spot Collection (Filter Paper)

Acceptable: PerkinElmer 226 filter paper, Munktell filter paper, Whatman protein Saver 903 paper, local newborn screening card, or blood collected in tubes containing EDTA (preferred) or heparin and dried on filter paper

Specimen Volume: 2 Blood spots

Collection Instructions:

1. Completely fill at least 2 circles on the filter paper card (approximately 100 microliters blood per circle).
2. Let blood dry on filter paper at ambient temperature in a horizontal position for a minimum of 3 hours.
3. Do not expose specimen to heat or direct sunlight.
4. Do not stack wet specimens.
5. Keep specimen dry.

Additional Information:

1. For collection instructions, see Blood Spot Collection Instructions
2. For collection instructions in Spanish, see Blood Spot Collection Card-Spanish Instructions (T777)
3. For collection instructions in Chinese, see Blood Spot Collection Card-Chinese Instructions (T800)

**Specimen Minimum Volume:**

1 Blood spot

**Forms:**

1. Biochemical Genetics Patient Information (T602)
2. If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient (preferred)	96 days	FILTER PAPER
	Frozen	96 days	FILTER PAPER
	Refrigerated	96 days	FILTER PAPER

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**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
62235	Psychosine	Numeric	nmol/L	93688-0
36342	Reviewed By	Alphanumeric		18771-6
36343	Interpretation (PSY)	Alphanumeric		59462-2

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82542

**Reference Values:**

Normal <2 nmol/L