

**Reporting Title:** Allo-isoleucine, BS**Performing Location:** Rochester**Specimen Requirements:**

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

Container/Tube:

Preferred: Blood Spot Collection (Filter Paper)

Acceptable: Local newborn screening card, Whatman Protein Saver 903 filter paper, PerkinElmer 226filter paper, Munktell filter paper, Postmortem Screening Card

Specimen Volume: 2 Blood spots

Collection Instructions:

1. Do not use device or capillary tube containing EDTA to collect specimen.
2. At least 1 spot should be complete and unpunched.
3. An alternative blood collection option for a patient older than 1 year is a fingerstick. For detailed instructions, see How to Collect Dried Blood Spot Samples.
4. Include type of feeding information on the collection card.
5. Let blood dry on filter paper at ambient temperature in a horizontal position for a minimum of 3 hours.
6. Do not expose specimen to heat or direct sunlight.
7. Do not stack wet specimens.
8. 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:**

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)	59 days	FILTER PAPER
	Frozen	59 days	FILTER PAPER
	Refrigerated	59 days	FILTER PAPER

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
27453	Interpretation	Alphanumeric		46743-1
27457	Allo-isoleucine	Numeric	nmol/mL	94572-5
27458	Leucine	Numeric	nmol/mL	47679-6
27459	Isoleucine	Numeric	nmol/mL	47671-3
27460	Valine	Numeric	nmol/mL	47799-2
27455	Reviewed By	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82136

**Reference Values:**

Allo-isoleucine: <2 nmol/mL

Leucine: 35-215 nmol/mL

Isoleucine: 13-130 nmol/mL

Valine: 51-325 nmol/mL

An interpretive report will also be provided.