

Reporting Title: Allo-isoleucine, BS

Performing Location: Rochester

Specimen Requirements:

Supplies:

- Card-Blood Spot Collection (Filter Paper) (T493)
- Card-Postmortem Screening (Filter Paper) (T525)

Container/Tube:

Preferred: Blood Spot Collection (Filter Paper)

Acceptable: Local newborn screening card, Whatman Protein Saver 903 filter paper, PerkinElmer 226 filter 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).

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
	Refrigerated	59 days	FILTER PAPER
	Frozen	59 days	FILTER PAPER

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
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
27453	Interpretation	Alphanumeric		46743-1
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: <4 nmol/mL

Leucine: 52-269 nmol/mL

Isoleucine: 22-167 nmol/mL

Valine: 84-414 nmol/mL

An interpretive report will also be provided.