Test Definition: ALLOI

Allo-isoleucine, Blood Spot

Reporting Title: Allo-isoleucine, BS
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Local newborn 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, unpunched.
3. An alternative blood collection option for a patient >1 year of age is fingerstick. Include type of feeding information on the collection card.
4. Do not expose specimen to heat or direct sunlight.
5. Do not stack wet specimens.
6. Keep specimen dry.
7. If collection of a new specimen is necessary, let blood dry on the Supplemental Newborn Screening Card (Supply T493) at ambient temperature in a horizontal position for 3 hours.

Specimen Type	Temperature	Time
Whole blood	Ambient (preferred)	
	Frozen	
	Refrigerated	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
27446	Specimen	Alphanumeric		31208-2
27447	Specimen ID	Alphanumeric		N/A
27448	Source	Alphanumeric		N/A
27449	Order Date	Alphanumeric		N/A
27450	Reason For Referral	Alphanumeric		42349-1
27451	Method	Alphanumeric		49549-9
27457	Allo-isoleucine	Numeric	nmol/mL	22670-4
27458	Leucine	Numeric	nmol/mL	20649-0
27459	Isoleucine	Numeric	nmol/mL	20648-2
27460	Valine	Numeric	nmol/mL	20661-5
27453	Interpretation	Alphanumeric		59462-2

Result ID	Reporting Name	Type	Unit	LOINC®
27454	Amendment	Alphanumeric		In Process
27455	Reviewed By	Numeric		In Process
27456	Release Date	Alphanumeric		N/A

CPT Code: 1 × 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.