

Phenylalanine and Tyrosine, Blood Spot

Test ID: PKUBS

Explanation: On the effective date, the Reference Values will be updated. Specimen Stability for preferred and acceptable specimen types has been extended.

Current Reference Value	New Reference Value
PHENYLALANINE: 27.0-107.0 nmol/mL TYROSINE: <4 weeks: 40.0-280.0 nmol/mL > or =4 weeks: 25.0-150.0 nmol/mL	PHENYLALANINE 27-107 nmol/mL TYROSINE: <4 weeks: 40-280 nmol/mL > or =4 weeks: 25-150 nmol/mL
Current Specimen Stability	New Specimen Stability
Preferred: Specimen Type: Blood spot Supplies: Card-Blood Spot Collection (Filter Paper) (T493) Preferred: Blood Spot Collection Card Acceptable: Whatman Protein Saver 903 Paper, PerkinElmer 226 filter paper, Munktell filter paper, or blood collected in tubes containing EDTA and dried on filter paper. Specimen Volume: 2 Blood spots Collection Instructions: 1. An alternative blood collection option for a patient older than 1 year of age is a fingerstick. See How to Collect Dried Blood Spot Samples via fingerstick. 3. Let blood dry on filter paper at room temperature in a horizontal position for a minimum of 3hours. 4. Do not expose specimen to heat or direct sunlight. 5. Do not stack wet specimens. 6. Keep specimen dry. Specimen Stability Information: Ambient (preferred) 21 days/Refrigerated 10 days/Frozen 10 days	Preferred: Specimen Type: Blood spot Supplies: Card-Blood Spot Collection (Filter Paper) (T493) Preferred: Blood Spot Collection Card Acceptable: Whatman Protein Saver 903 Paper, PerkinElmer 226 filter paper, Munktell filter paper, or blood collected in tubes containing EDTA and dried on filter paper. Specimen Volume: 2 Blood spots Collection Instructions: 1. An alternative blood collection option for a patient older than 1 year of age is a fingerstick. See How to Collect Dried Blood Spot Samples via fingerstick. 3. Let blood dry on filter paper at room temperature in a horizontal position for a minimum of 3hours. 4. Do not expose specimen to heat or direct sunlight. 5. Do not stack wet specimens. 6. Keep specimen dry. Specimen Stability Information: Ambient (preferred) 90 days/Refrigerated 90 days/Frozen 90 days

Acceptable:**Specimen Type:** Whole blood**Container/Tube:** Lavender top (EDTA)**Specimen Volume:** 2 mL**Collection Instructions:** Send whole blood specimen in original tube. **Do not aliquot.****Specimen Stability Information:** Refrigerate (preferred) 3 days/Ambient 2 days**Acceptable:****Specimen Type:** Whole blood**Container/Tube:** Lavender top (EDTA)**Specimen Volume:** 2 mL**Collection Instructions:** Send whole blood specimen in original tube. **Do not aliquot.****Specimen Stability Information:** **Refrigerate 6 days****Questions**

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.