

Tyrosinemia Follow Up Panel, Blood Spot

Test ID: TYRBS

Explanation: On the effective date, the Reference Values and Specimen Stability will be updated.

Current Reference Value
<p>TYROSINE: <4 weeks 40.0-280.0 nmol/mL > or =4 weeks 25.0-150.0 nmol/mL</p> <p>PHENYLALANINE: 27.0-107.0 nmol/mL</p> <p>SUCCINYLACETONE: <1.6 nmol/mL</p> <p>NITISINONE: <0.6 nmol/mL</p>

New Reference Value
<p>TYROSINE: <4 weeks 40-280 nmol/mL > or =4 weeks 25-150 nmol/mL</p> <p>PHENYLALANINE: 27-107 nmol/mL</p> <p>METHIONINE 11-45 nmol/mL</p> <p>SUCCINYLACETONE: ≤1.0 nmol/mL</p> <p>NITISINONE: ≤0.5 nmol/mL</p>

Current Specimen Stability
<p>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.</p>

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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

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

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) **7** days/Refrigerated **14** 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 6 days**

Questions

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