StepOne® Comprehensive Biochemical Profile

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<th>Test Code</th>
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**Test Summary**
The StepOne® Comprehensive Biochemical Profile is a newborn screening test that can detect more than 50 disorders in newborns from just a few drops of blood.

**Turn-Around-Time (TAT)**
3 - 5 days

**Acceptable Sample Types**
Dried Blood Spots

**Acceptable Billing Types**
Self (patient) Payment
Institutional Billing
Commercial Insurance

**Indications for Testing**
This test may be appropriate for individuals with a clinical suspicion of an inherited metabolic disorder.

**Test Description**
A comprehensive biochemical profile is performed to identify the presence of more than 50 inherited disorders, the full core and secondary panel recommended by the American College of Medical Genetics. This includes conditions that may not be included in state-mandated programs.

**Condition Description**
StepOne Comprehensive Biochemical Profile includes fatty acid oxidation disorders, organic acid disorders, amino acid disorders as well as other conditions recommended by the American College of Medical Genetics. For the full list of conditions please refer to the Condition List sheet below.

**Analytes**
Please refer to the Condition List sheet below.

**Test Methods and Limitations**
The StepOne Comprehensive Biochemical Profile is performed by tandem mass spectrometry as well as other technologies.

**Detailed Sample Requirements**

**Dried Blood Spots**

*Collection Container(s):* Dried blood spot card
*Collection:* Follow kit instructions. Briefly, allow blood to saturate card until indicated areas are filled and blood has soaked through card. Air dry card at ambient temperature for at least 3 hours.

- **NBS:** Please contact PKIG to request the StepOne® kit.
- **Gene Sequencing:** Please contact PKIG to request the DBS collection kit.

*Shipping:* Follow kit instructions. Double bag and ship overnight at ambient temperature.