

Ordered By Physician Name: Physician, Test	Patient Name: Test, Test
Reason for Referral: TEST	Accession #: R5001 Specimen #: X_5001BS Specimen: Blood Spot Card Birthdate: 08/05/2020 Age: 0 Gender: Male MRN #: 08052020 Collected: 08/05/2020 Ethnicity: Received: 08/05/2020

Blood Spot Phenylalanine and Tyrosine

RESULTS

ANALYTE	REFERENCE RANGE*	RESULT*	FLAG
Phenylalanine	34 - 86	10	L
Tyrosine	14 - 166	15	

*Values in micromols/L

ASSAY INFORMATION

Method

Liquid chromatography tandem mass spectrometry

Limitations/Disclaimer

Reference range values are based on newborn screening results in the general population.

Analyte measurements performed on blood spot cards can be substantially skewed if collection criteria are not closely followed. Variables with a major influence on blood spot analyte measurement include the patient's hematocrit at the time of sampling, the volume of blood spotted and the type of card used for collection. Analyte levels from blood spot analyses are not directly comparable to plasma or serum based analyses.

This test was developed and its performance characteristics determined by Indiana University Biochemical Genetics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration. This test is used for clinical purposes. It should not be regarded as investigational or for research. The laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA '88) as qualified to perform high complexity clinical laboratory testing. CLIA# 15D0647198 • CAP# 1678930

ELECTRONICALLY SIGNED BY

Marcus J. Miller, Director of the Biochemical Genetics Laboratory, 08/05/2020

