

## ***TECHNICAL BULLETIN***

☐ **NEW TEST** ☒ **TEST CHANGE**

NOTIFICATION DATE: 12/08/2022

EFFECTIVE DATE: Immediate

### **Phenylalanine and Tyrosine Test Update**

On the effective date, the Phenylalanine and Tyrosine test will be performed by Mayo Medical laboratories that will only report out two amino acid components. The previous test will no longer be available to order due to the recent closure of the Sema4 Laboratory Reproductive Health Testing Division.

<b>Test Requirement/Parameters</b>	<b>New Phenylalanine and Tyrosine</b>	<b>Previous Phenylalanine and Tyrosine</b>
<b>Method</b>	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
<b>Specimen Requirements</b>	2.0 mL whole blood (0.5 mL min) or Blood Spot Card	0.5 mL Plasma (0.2 mL min)
<b>Result Components</b>	Phenylalanine and Tyrosine	Phenylalanine, Tyrosine, Leucine, Valine, Isoleucine and Alloisoleucine
<b>Container/Tube</b>	Dark Green (Sodium Heparin) Top Tube or Lavender (EDTA) Top Tube	2 Lavender (EDTA) Top Tube or Yellow ACD Tube
<b>Specimen Stability</b>	Room Temperature or Refrigerated 4 Days	Frozen 14 days
<b>Computer Interface Code</b>	<b>PDM #5302878</b>	<b>PDM #5302878</b>
<b>Test Order</b>	<b>PHENYLAL</b>	<b>PHENYLAL</b>

**If you have any questions, please contact Client Services at (516) 719-1100.**