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| **Patient Information** | | | **Final Report** | |
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| Patient Name: **51071 Baseline GNLD 11** | | | Laboratory #: **11AA04919** | |
| Date of Birth: **6/22/2011** | | | Type of Specimen: **plasma** | |
| Cross Reference #: **N/A** | | | Date Collected: **NA** | |
| Referring Diagnosis: | | | Date Received: **6/22/2011** | |
| Patient id: **A295343** | | | Final Report: **6/28/2011** | |
| **Amino Acids Analysis, plasma** | | **Method: Ion Exchange Chromatography** | | |
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| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **umol/L** | **Normal** | **Note** |  |  | **umol/L** | **Normal** | **Note** | | Taurine | 32 |  |  |  | Methionine | 16 |  |  | | Aspartic acid | 6 |  |  |  | Isoleucine | 35 |  |  | | Threonine | 55 |  |  |  | Leucine | 84 |  |  | | Serine | 49 |  |  |  | Tyrosine | 34 |  |  | | Glutamic acid | 48 |  |  |  | Phenylalanine | 64 |  |  | | Glutamine | 173 |  |  |  | Homocystine | ND |  |  | | Glycine | 115 |  |  |  | Ornithine | 38 |  |  | | Alanine | 161 |  |  |  | Lysine | 123 |  |  | | Citrulline | ND |  |  |  | Histidine | 49 |  |  | | Valine | 136 |  |  |  | Arginine | 50 |  |  | | Cystine | 19 |  |  |  | Proline | 49 |  |  |   Age Group:  "H" = High, "L" = Low, "ND" = Not Detected, "ADL"= Above Detectable Limit | | | | |
| **Interpretation** | | | | |
|  | | | | |
| No interpretation expected. Research and development sample. | | | | |
| Paul M. Fernhoff, MD, FAAP, FACMG  Medical Consultant | Miao He, PhD, FACMG  Laboratory Director, Biochemical Genetics | | |

This case has been reviewed and electronically signed by the Laboratory Director.

Pursuant to the requirements of CLIA ‘88, this test was developed and its performance validated by Emory Genetics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration (FDA). The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes.