

NOME: **Giulia Marchini Bertolacini**

Nº ATENDIMENTO: **397279**

DATA DE NASCIMENTO: **07/11/2000**

IDADE: **19 anos**

SEXO: **F**

RG:

DATA DE CADASTRO: **19/05/2020**

REFERÊNCIA:

CLIENTE: **9433 - HAOMA**

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## AMINOÁCIDOS FRACIONADOS, SORO

## AAFR

**Material:** Soro

**1-metil-Histidina:** 3,70 umol/L  
**3-metil-Histidina:** 2,05 umol/L  
**Ácido Alfa-amino-N-butyrico:** 29,00 umol/L  
**Ácido aminoadipico:** 1,38 umol/L  
**Ácido aspártico:** 34,69 umol/L  
**Ácido Beta-amino-isobutyrico:** < 1,00 umol/L  
**Ácido Gamma-amino-N-butyrico:** 1,13 umol/L  
**Ácido Glutâmico:** 105,89 umol/L  
**Alanina:** 309,34 umol/L  
**Anserina:** < 1,00 umol/L  
**Arginina:** 74,01 umol/L  
**Asparagina:** 57,41 umol/L  
**Beta alanina:** < 1,00 umol/L  
**Carnosina:** < 1,00 umol/L  
**Cistationina:** < 1,00 umol/L  
**Cistina:** 119,85 umol/L  
**Citrulina:** 18,65 umol/L  
**Fenilalanina:** 89,41 umol/L  
**Glicina:** 345,28 umol/L  
**Glutamina:** 385,9 umol/L  
**Hidroxilisina:** < 1,00 umol/L  
**Hidroxiprolina:** 18,02 umol/L  
**Histidina:** 85,59 umol/L  
**Homocistina:** < 1,00 umol/L  
**Isoleucina:** 132,62 umol/L  
**Leucina:** 58,89 umol/L  
**Lisina:** 156,57 umol/L  
**Metionina:** 21,79 umol/L  
**Ornitina:** 70,71 umol/L  
**Prolina:** 161,60 umol/L  
**Sarcosina:** 2,61 umol/L  
**Serina:** 177,18 umol/L  
**Taurina:** 103,82 umol/L  
**Tirosina:** 60,38 umol/L  
**Treonina:** 82,81 umol/L  
**Triptofano:** 66,92 umol/L  
**Valina:** 226,22 umol/L

**Método:** Cromatografia Líquida De Alta Eficiência - HPLC + Espectrometria De Massa

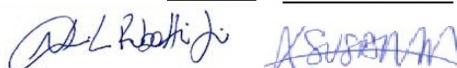
| Valores de referência        | 0 a 24 meses (umol/L) | 2 a 17 anos (umol/L) | Maiores de 18 anos (umol/L) |
|------------------------------|-----------------------|----------------------|-----------------------------|
| 1-Metil Histidina            | Inferior a 11,0       | Inferior a 20,0      | Inferior a 28,0             |
| 3-Metil histidina            | Inferior a 1,0        | Inferior a 1,0       | 2,0 - 9,0                   |
| Acido Alfa-Amino-N-Butirico  | 7,0 - 28,0            | 7,0 - 31,0           | 9,0 - 37,0                  |
| Acido Aminoadipidico         | Inferior a 4,0        | Inferior a 3,0       | Inferior a 3,0              |
| Acido Aspártico              | 2,0 - 20,0            | Inferior a 11,0      | Inferior a 7,0              |
| Acido Beta-Amino-Isobutyrico | Inferior a 9,0        | Inferior a 5,0       | Inferior a 5,0              |
| Acido Gama-Amino-Isobutyrico | Inferior a 4,0        | Inferior a 3,0       | Inferior a 2,0              |
| Acido Glutâmico              | 31,0 - 202,0          | 22,0 - 131,0         | 13,0 - 113,0                |
| Alanina                      | 139,0 - 474,0         | 144,0 - 557,0        | 200,0 - 579,0               |
| Anserina                     | Inferior a 1,0        | Inferior a 1,0       | Inferior a 1,0              |
| Arginina                     | 29,0 - 134,0          | 31,0 - 132,0         | 32,0 - 120,0                |
| Asparagina                   | 25,0 - 91,0           | 29,0 - 87,0          | 37,0 - 92,0                 |
| Beta Alanina                 | Inferior a 28,0       | Inferior a 27,0      | Inferior a 29,0             |
| Carnosina                    | Inferior a 13,0       | Inferior a 1,0       | Inferior a 1,0              |
| Cistationa                   | Inferior a 2,0        | Inferior a 2,0       | Inferior a 5,0              |
| Cistina                      | 2,0 - 32,0            | 2,0 - 36,0           | 3,0 - 95,0                  |
| Citrulina                    | 9,0 - 38,0            | 11,0 - 45,0          | 17,0 - 46,0                 |
| Fenilalanina                 | 28,0 - 80,0           | 30,0 - 95,0          | 35,0 - 80,0                 |
| Glicina                      | 111,0 - 426,0         | 149,0 - 417,0        | 126,0 - 490,0               |
| Glutamina                    | 316,0 - 1020,0        | 329,0 - 976,0        | 371,0 - 957,0               |
| Hidroxilisina                | Inferior a 4,0        | Inferior a 3,0       | Inferior a 2,0              |
| Hidroxiprolina               | 8,0 - 61,0            | 7,0 - 35,0           | 4,0 - 29,0                  |
| Histidina                    | 10,0 - 116,0          | 12,0 - 132,0         | 39,0 - 123,0                |
| Homocistina                  | Inferior a 2,0        | Inferior a 2,0       | Inferior a 2,0              |
| Isoleucina                   | 31,0 - 105,0          | 30,0 - 111,0         | 36,0 - 107,0                |
| Leucina                      | 48,0 - 175,0          | 51,0 - 196,0         | 68,0 - 183,0                |
| Lisina                       | 49,0 - 204,0          | 59,0 - 240,0         | 103,0 - 255,0               |
| Metionina                    | 11,0 - 35,0           | 11,0 - 37,0          | 4,0 - 44,0                  |
| Ornitina                     | 20,0 - 130,0          | 22,0 - 97,0          | 38,0 - 130,0                |
| Prolina                      | 85,0 - 303,0          | 80,0 - 357,0         | 97,0 - 368,0                |
| Sarcosina                    | Inferior a 5,0        | Inferior a 5,0       | Inferior a 5,0              |
| Serina                       | 69,0 - 271,0          | 71,0 - 208,0         | 63,0 - 187,0                |
| Taurina                      | 37,0 - 177,0          | 38,0 - 153,0         | 42,0 - 156,0                |
| Tirosina                     | 26,0 - 115,0          | 31,0 - 106,0         | 31,0 - 90,0                 |
| Treonina                     | 47,0 - 237,0          | 58,0 - 195,0         | 85,0 - 231,0                |
| Triptofano                   | 17,0 - 75,0           | 23,0 - 80,0          | 29,0 - 77,0                 |
| Valina                       | 83,0 - 300,0          | 106,0 - 320,0        | 136,0 - 309,0               |

Análise realizada, mediante solicitação explícita, em uma amostra que não foi corretamente preservada.



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CNPJ: 05.077.440/0001-60  
Registro no CRF: 477.428-7

**etti Junior** **Dr. Xavier Susanna**



Responsável Técnico: Dr. Neuri Luiz Rubetti Junior - CRF 91129

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**Giulia Marchini Bertolacini**

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Coletado em 22/05/2020 às 13:02

Resultado liberado por Neuri Rubetti - CRF/SP 91129 em 08/06/2020 às 10:23



**Nota: exames realizados com gestão técnica do Laboratório Cerba-LCA:**

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