

NOME:  
Hasan El Kadri

DATA DE NASCIMENTO:  
29/09/1970

IDADE:  
48 anos

SEXO:  
M

RG:

REFERÊNCIA:

CLIENTE:  
9433 - HAOMA

Nº ATENDIMENTO:  
8165

DATA DE CADASTRO:  
22/04/2019

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## AMINOÁCIDOS FRACIONADOS, SORO

**AAFR**

**Material:** Soro

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

**Valores de Referência:**

|                                      |                   |
|--------------------------------------|-------------------|
| <b>1-metil-Histidina:</b>            | < 1,0 umol/L      |
| <b>3-metil-Histidina:</b>            | <b>2,1 umol/L</b> |
| <b>Ácido Alfa-amino-N-butyrico:</b>  | 18,9 umol/L       |
| <b>Ácido aminoadípico:</b>           | 1,3 umol/L        |
| <b>Ácido aspártico:</b>              | 5,7 umol/L        |
| <b>Ácido Beta-amino-isobutyrico:</b> | < 1,0 umol/L      |
| <b>Ácido Gamma-amino-N-butyrico:</b> | 0,3 umol/L        |
| <b>Ácido Glutâmico:</b>              | 252,2 umol/L      |
| <b>Alanina:</b>                      | 273,1 umol/L      |
| <b>Anserina:</b>                     | < 1,0 umol/L      |
| <b>Arginina:</b>                     | 98,8 umol/L       |
| <b>Asparagina:</b>                   | 48,4 umol/L       |
| <b>Beta alanina:</b>                 | 2,4 umol/L        |
| <b>Carnosina:</b>                    | < 1,0 umol/L      |
| <b>Cistationina:</b>                 | < 1,0 umol/L      |
| <b>Cistina:</b>                      | 49,6 umol/L       |
| <b>Citrulina:</b>                    | 12,1 umol/L       |
| <b>Fenilalanina:</b>                 | 99,6 umol/L       |
| <b>Glicina:</b>                      | 355,3 umol/L      |
| <b>Glutamina:</b>                    | 259,1 umol/L      |
| <b>Hidroxilisina:</b>                | < 1,0 umol/L      |
| <b>Hidroxiprolina:</b>               | 10,6 umol/L       |
| <b>Histidina:</b>                    | 78,9 umol/L       |
| <b>Homocistina:</b>                  | < 1,0 umol/L      |
| <b>Isoleucina:</b>                   | 68,4 umol/L       |
| <b>Leucina:</b>                      | 149,1 umol/L      |
| <b>Lisina:</b>                       | 155,2 umol/L      |
| <b>Metionina:</b>                    | 22,6 umol/L       |
| <b>Ornitina:</b>                     | 58,1 umol/L       |
| <b>Prolina:</b>                      | 108,0 umol/L      |
| <b>Sarcosina:</b>                    | 1,7 umol/L        |
| <b>Serina:</b>                       | 170,5 umol/L      |
| <b>Taurina:</b>                      | 106,8 umol/L      |
| <b>Tirosina:</b>                     | 48,4 umol/L       |
| <b>Treonina:</b>                     | 95,8 umol/L       |
| <b>Triptofano:</b>                   | 49,1 umol/L       |
| <b>Valina:</b>                       | 204,6 umol/L      |

|                              | 0 a 24 meses<br>(umol/L) | 2 a 17 anos<br>(umol/L) | Maiores de 18 anos<br>(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                      |
| Ácido Alfa-Amino-N-Butirico  | 7,0 - 28,0               | 7,0 - 31,0              | 9,0 - 37,0                     |
| Ácido Aminoadípico           | Inferior a 4,0           | Inferior a 3,0          | Inferior a 3,0                 |
| Ácido Aspártico              | 2,0 - 20,0               | Inferior a 11,0         | Inferior a 7,0                 |
| Ácido Beta-Amino-Isobutyrico | Inferior a 9,0           | Inferior a 5,0          | Inferior a 5,0                 |
| Ácido Gama-Amino-Isobutyrico | Inferior a 4,0           | Inferior a 3,0          | Inferior a 2,0                 |
| Ácido 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                  |

Coletado em 22/04/2019 às 20:10

Resultado liberado por Priscila Innocenti Justo - CRF/SP 20238 em 07/05/2019 às 09:23



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

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