To: Biometrix Labs, Dr [biometrixLabs], 102 A Alcade Road, Lynnwood Glen, Pretoria, 0081

Centre for Human Metabolomics

Final *Laboratory Report*

Requisition:	**50001739**
Collection Date:	2020/01/16 06:00
Receiving Date:	2020/01/21 09:15
Final report:	2020/02/03 15:58
Results reported on:	2020/02/03 15:58
Cons. Ref. no.:	

North West University (NWU)
Potchefstroom Campus
Biochemistry
Building F3
11 Hoffman Street
Potchefstroom
South Africa
2531
Tel (018)299 2310/2
Pr123

Patient:

ID:	721213
Date of birth:	1972/12/13
Age:	47Y
Gender:	M
Address:	102 A Alcade Road Lynnwood Glen Pretoria 0081

Bill To: Biometrix Labs, Bioxl

Sample Type:	*Blood card : Room temp*
Visit:	*First request*
Doctor:	Biometrix Labs, Dr
Copy to:	
Address:	102 A Alcade Road, Lynnwood Glen, Pretoria, 0081
Requested:	Turn Around Time, Quantitative Amino Acids Profile

Head Medical Scientist: **Dr Marli Dercksen**
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Results:

Tests	*Results*	*H/L*	*Reference ranges*	
Amino acid disorders				
Phenylalanine (Phe)	50		33 - 93	umol/L
Leucine/Isoleucine (Xle)	130		69 - 198	umol/L
Valine (Val)	230		112 - 358	umol/L
Methionine (Met)	28		15 - 52	umol/L
Citrulline (Cit)	42		19 - 53	umol/L
Tyrosine (Tyr)	48		23 - 120	umol/L
Alanine (Ala)	246		146 - 387	umol/L
Threonine (Thr)	131		80 - 184	umol/L
Arginine (Arg)	35		17 - 62	umol/L
Glutamic acid (Glu)	**93**	**L**	182 - 399	umol/L
Glycine (Gly)	181		103 - 276	umol/L
Proline (Pro)	**114**	**L**	133 - 309	umol/L
Serine (Ser)	169		111 - 356	umol/L
Glutamine (Gln)	**405**	**L**	431 - 962	umol/L
Ornithine (Orn)	70		67 - 248	umol/L
Lysine (Lys)	150		140 - 370	umol/L
Histidine (His)	**10**	**L**	12 - 148	umol/L
Asparagine (Asn)	57		27 - 79	umol/L
Tryptophan (Trp)	112		95 - 252	umol/L

Disclaimer: The requested analyses are not intended for the diagnosis of inborn errors of metabolism and the results are reported without interpretation.

Please take note that the reference ranges have changed as from 26 October 2018.