

Requisition #:

Physician:

Patient Name:

Date of Collection:

Patient Age:

Time of Collection:

Patient Sex:

Print Date:



Organic Acids Test - Nutritional and Metabolic Profile

Metabolic Markers in Urine	Reference Range (mmol/mol creatinine)	Patient Value	Reference Population - Males Age 13 and Over
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Intestinal Microbial Overgrowth

Yeast and Fungal Markers

1	Citramalic	0.11 - 2.0	0.69	
2	5-Hydroxymethyl-2-furoic	≤ 18	3.9	
3	3-Oxoglutaric	≤ 0.11	0.06	
4	Furan-2,5-dicarboxylic	≤ 13	5.0	
5	Furancarboxylglycine	≤ 2.3	0	
6	Tartaric	≤ 5.3	0.62	
7	Arabinose	≤ 20	H 23	
8	Carboxycitric	≤ 20	0.01	
9	Tricarballic	≤ 0.58	0.41	

Bacterial Markers

10	Hippuric	≤ 241	H 718	
11	2-Hydroxyphenylacetic	0.03 - 0.47	H 0.79	
12	4-Hydroxybenzoic	0.01 - 0.73	0.64	
13	4-Hydroxyhippuric	≤ 14	4.9	
14	DHPPA (Beneficial Bacteria)	≤ 0.23	0.22	

Clostridia Bacterial Markers

15	4-Hydroxyphenylacetic <i>(C. difficile, C. stricklandii, C. lituseburense & others)</i>	≤ 18	17	
16	HPHPA <i>(C. sporogenes, C. caloritolerans, C. botulinum & others)</i>	≤ 102	29	
17	4-Cresol <i>(C. difficile)</i>	≤ 39	8.5	
18	3-Indoleacetic <i>(C. stricklandii, C. lituseburense, C. subterminale & others)</i>	≤ 6.8	1.3	