

Organix Comprehensive - Urine

Methodology: LC/Tandem Mass Spectroscopy, Colorimetric

Ranges are for ages 12 and under.

* Units for 8-Hydroxy-2-deoxyguanosine are ng/mg creatinine

CELL REGULATION MARKERS**Neurotransmitter Metabolism Markers**

(Tyrosine, Tryptophan, B6, antioxidants)

			1st	2nd	3rd	4th	5th	95% Reference Interval
			20%	40%	60%	80%		
22	Vanilmandelate	7.5	3.4				10.2	2.1 - 13.8
23	Homovanillate	11.7	3.2				16.7	1.0 - 23.0
24	5-Hydroxyindoleacetate	17.8 H	2.7				11.5	1.7 - 26.4
25	Kynurenate	9.7 H					2.9	<= 4.7
26	Quinolate	31.4 H					21.0	<= 35.0

Oxidative Damage and Antioxidant Markers

(Vitamin C and other antioxidants)

27	p-Hydroxyphenyllactate	1.7 H					1.2	<= 2.2
28	8-Hydroxy-2-deoxyguanosine *	7.4 H					5.9	<= 8.7

TOXICANTS AND DETOXIFICATION**Detoxification Indicators**

(Arg, NAC, Met, Mg and antioxidants)

29	2-Methylhippurate	< 0.001					0.060	<= 0.130
30	Orotate	< 0.1					1.6	<= 2.7
31	Glucarate	15.5 H					6.5	<= 12.8
32	a-Hydroxybutyrate	7.3 H					1.5	<= 2.9
33	Pyroglutamate	< 1					60	<= 135
34	Sulfate	986 H	211				585	122 - 786

COMPOUNDS OF BACTERIAL OR YEAST/FUNGAL ORIGIN**Bacterial - general**

35	Benzoate	140.2 H					5.3	<= 38.0
36	Hippurate	18					480	<= 873
37	Phenylacetate	2.54 H					0.19	<= 0.53
38	Phenylpropionate	1.1					2.6	<= 8.4
39	p-Hydroxybenzoate	4.1 H					3.1	<= 6.9
40	p-Hydroxyphenylacetate	57 H					26	<= 60
41	Indican	187 H					119	<= 202
42	Tricarballic acid	2.5					3.9	<= 10.5

L. acidophilus / general bacterial

43	D-Lactate	1.6 H					1.3	<= 2.0
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Clostridial species

44	Dihydroxyphenylpropionate	0.27					0.59	<= 1.58
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Yeast / Fungal

45	D-Arabinitol	37					57	<= 83
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Creatinine = 29 mg/dl

Georgia Lab Lic. Code #067-007
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