



PATIENT: **Sample Report**

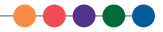
TEST REF: **###-##-####**

TEST NUMBER: #####
PATIENT NUMBER: #####
GENDER: Male
AGE: 43
DATE OF BIRTH: dd-mm-yyyy

COLLECTED: dd/mm/yyyy
RECEIVED: dd/mm/yyyy
TESTED: dd/mm/yyyy

PRACTITIONER: **Nordic Laboratories**
ADDRESS:

TEST NAME: Organix Comprehensive



3301 Organix® Comprehensive Profile - Urine

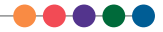
Methodology: LC/Tandem Mass Spectrometry, Colorimetric

Summary of Abnormal Findings

Biomarkers	Findings	Metabolic Pathway
Fatty Acid Metabolism		
Suberate	H	Fatty acid oxidation
Carbohydrate Metabolism	No Abnormality Found	
Energy Production Markers	No Abnormality Found	
B-Complex Vitamin Markers	No Abnormality Found	
Methylation Cofactor Metabolism	No Abnormality Found	
Neurotransmitter Metabolism Markers		
Homovanillate	H	Dopamine metabolism
5-Hydroxyindoleacetate	H	Serotonin metabolism
Kynurenate	H	Tryptophan pathway
Oxidative Damage and Antioxidant Markers		
p-Hydroxyphenyllactate	H	Gut bacterial metabolism
Detoxification Indicators	No Abnormality Found	
Bacterial - General		
p-Hydroxybenzoate	H	Gut bacterial metabolism
p-Hydroxyphenylacetate	H	Gut bacterial metabolism
L. acidophilus/General Bacteria	No Abnormality Found	
Clostridial Species	No Abnormality Found	
Yeast/Fungal	No Abnormality Found	

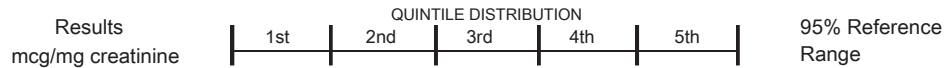
TEST NUMBER: #####
PATIENT NUMBER: #####
GENDER: Male
AGE: 43
DATE OF BIRTH: dd-mm-yyyy

COLLECTED: dd/mm/yyyy
RECEIVED: dd/mm/yyyy
TESTED: dd/mm/yyyy

PRACTITIONER: Nordic Laboratories
ADDRESS:
TEST NAME: Organix Comprehensive

3301 Organix® Comprehensive Profile - Urine
Methodology: LC/Tandem Mass Spectrometry, Colorimetric

This report is not intended for the diagnosis of neonatal inborn errors of metabolism.

Ranges: Ages 13 and over


Nutrient Markers
Fatty Acid Metabolism
(Carnitine & B2)

Item	Results	Quintile	95% Reference Range
1. Adipate	2.6	1st	<= 11.1
2. Suberate	5.1	5th	<= 4.6
3. Ethylmalonate	2.0	2nd	<= 6.3

Carbohydrate Metabolism
(B1, B3, Cr, Lipoic Acid, CoQ10)

Item	Results	Quintile	95% Reference Range
4. Pyruvate	3.5	4th	<= 6.4
5. L-Lactate	12.4	5th	0.6 - 16.4
6. β-Hydroxybutyrate	<DL	1st	<= 9.9

Energy Production (Citric Acid Cycle)
(B Comp., CoQ10, Amino Acids, Mg)

Item	Results	Quintile	95% Reference Range
7. Citrate	572	4th	56 - 987
8. Cis-Aconitate	21	1st	18 - 78
9. Isocitrate	53	1st	39 - 143
10. α-Ketoglutarate	<DL	1st	<= 35.0
11. Succinate	11.5	4th	<= 20.9
12. Fumarate	<DL	1st	<= 1.35
13. Malate	<DL	1st	<= 3.1
14. Hydroxymethylglutarate	4.9	5th	<= 5.1

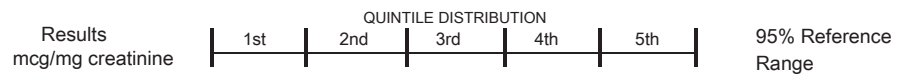
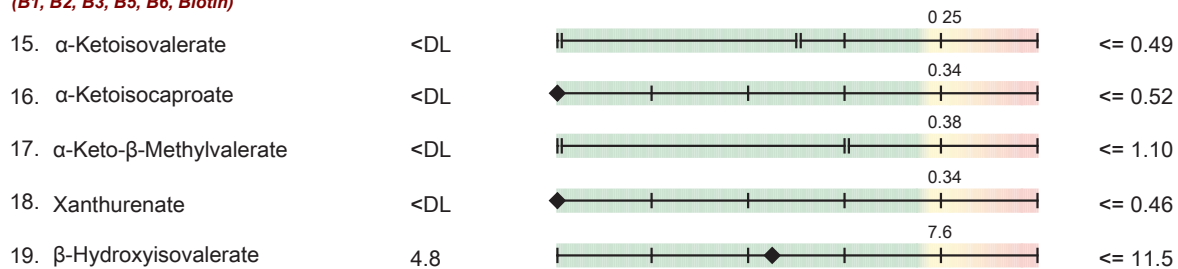
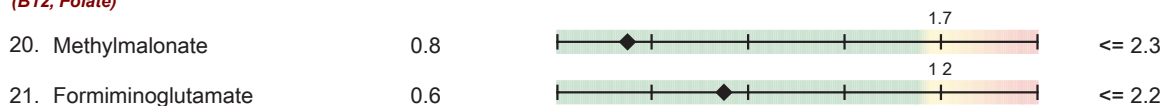
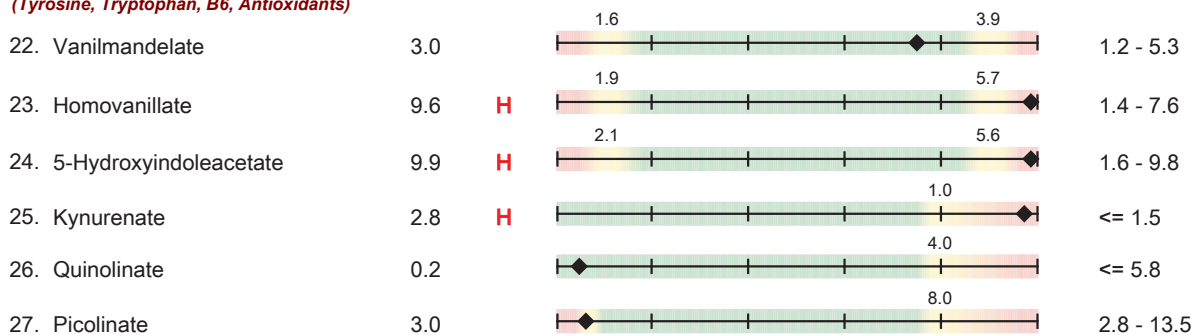
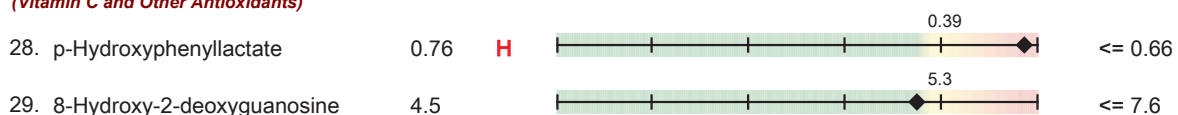
TEST NUMBER: #####
PATIENT NUMBER: #####
GENDER: Male
AGE: 43
DATE OF BIRTH: dd-mm-yyyy

COLLECTED: dd/mm/yyyy
RECEIVED: dd/mm/yyyy
TESTED: dd/mm/yyyy

PRACTITIONER: Nordic Laboratories
ADDRESS:
TEST NAME: Organix Comprehensive
3301 Organix® Comprehensive Profile - Urine
Methodology: LC/Tandem Mass Spectrometry, Colorimetric

This report is not intended for the diagnosis of neonatal inborn errors of metabolism.

Ranges: Ages 13 and over


Nutrient Markers
B-Complex Vitamin Markers
(B1, B2, B3, B5, B6, Biotin)

Methylation Cofactor Markers
(B12, Folate)

Cell Regulation Markers
Neurotransmitter Metabolism Markers
(Tyrosine, Tryptophan, B6, Antioxidants)

Oxidative Damage and Antioxidant Markers
(Vitamin C and Other Antioxidants)


(Units for 8-hydroxy-2-deoxyguanosine are ng/mg creatinine)



PATIENT: **Sample Report**

TEST REF: **###-##-####**

TEST NUMBER: #####
 PATIENT NUMBER: #####
 GENDER: Male
 AGE: 43
 DATE OF BIRTH: dd-mm-yyyy

COLLECTED: dd/mm/yyyy
 RECEIVED: dd/mm/yyyy
 TESTED: dd/mm/yyyy

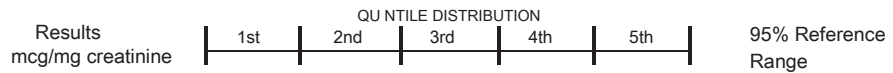
PRACTITIONER: **Nordic Laboratories**
 ADDRESS:

TEST NAME: Organix Comprehensive

3301 Organix® Comprehensive Profile - Urine

Methodology: LC/Tandem Mass Spectrometry, Colorimetric

This report is not intended for the diagnosis of neonatal inborn errors of metabolism.
 Ranges: Ages 13 and over



Toxicants and Detoxification

Detoxification Indicators

(Arg, NAC, Met, Mg, Antioxidants)

Item	Results	1st	2nd	3rd	4th	5th	95% Reference Range
30. 2-Methylhippurate	0.041					0.084	<= 0.192
31. Orotate	0.81					0.69	<= 1.01
32. Glucarate	9.7					6.3	<= 10.7
33. α-Hydroxybutyrate	<DL					0.3	<= 0.9
34. Pyroglutamate	49					59	28 - 88
35. Sulfate	1,345	958				2,347	690 - 2,988

Compounds of Bacterial or Yeast/Fungal Origin

Bacterial - General

36. Benzoate	<DL					0.6	<= 9.3
37. Hippurate	1,022					548	<= 1,070
38. Phenylacetate	0.17					0.11	<= 0.18
39. Phenylpropionate	<DL						<= 0.06
40. p-Hydroxybenzoate	1.9	H				1.1	<= 1.8
41. p-Hydroxyphenylacetate	40	H				19	<= 34
42. Indican	57					64	<= 90
43. Tricarballic acid	<DL					0.73	<= 1.41

L. acidophilus / General Bacterial

44. D-Lactate	0.2					2.0	<= 4.1
---------------	-----	--	--	--	--	-----	--------

Clostridial Species

45. 3,4-Dihydroxyphenylpropionate	<DL						<= 0.05
-----------------------------------	-----	--	--	--	--	--	---------

Yeast / Fungal

46. D-Arabinitol	29					36	<= 73
------------------	----	--	--	--	--	----	-------

Creatinine = 53 mg/dL

<DL = less than detection limit
 >UL = greater than upper linearity limit

This test has been developed and its performance characteristics determined by Genova Diagnostics, Inc. It has not been cleared by the U.S. Food and Drug Administration.



PATIENT: **Sample Report**

TEST REF: **###-##-####**

TEST NUMBER: #####

COLLECTED: dd/mm/yyyy

PRACTITIONER: **Nordic Laboratories**

PATIENT NUMBER: #####

RECEIVED: dd/mm/yyyy

ADDRESS:

GENDER: Male

TESTED: dd/mm/yyyy

AGE: 43

DATE OF BIRTH: dd-mm-yyyy

TEST NAME: Organix Comprehensive

3301 Organix® Comprehensive Profile - Urine

Additional Considerations

This page is provided as a starting point that may guide decisions about medical treatment based on the test results. It is derived only from the laboratory results included in this report. Final recommendations should be based on consideration of the patient's medical history and current clinical condition.

Vitamin C	High
Vitamin E (mixed tocopherols)	Moderate
Vitamin B-6 (Pyridoxine)	Low
Carnitine	Moderate
Need for other antioxidants	Moderate

Various conditionally essential nutrients and other potentially beneficial interventions appear in this section only if relevant abnormalities are present.

Amino acids listed on this page result from functional markers of individual amino acid insufficiency and do not reflect amino acids measured in plasma.

Nordic Laboratories Aps

Nygade 6, 3.sal · 1164 Copenhagen K · Denmark

Tel: +45 33 75 10 00

UK Office:

11 Old Factory Buildings · Stonegate · E. Sussex TN5 7DU · UK

Tel: +44 (0)1580 201 687

Page 5 of 6

www.nordic-labs.com

info@nordic-labs.com

**PATIENT: Sample Report**

TEST REF: ###-##-####

TEST NUMBER: #####
PATIENT NUMBER: #####
GENDER: Male
AGE: 43
DATE OF BIRTH: dd-mm-yyyyCOLLECTED: dd/mm/yyyy
RECEIVED: dd/mm/yyyy
TESTED: dd/mm/yyyyPRACTITIONER: **Nordic Laboratories**
ADDRESS:**TEST NAME: Organix Comprehensive****3301 Organix® Comprehensive Profile - Urine****General Supplement Ranges**

These supplement ranges are not adjusted for age, sex, or gender.

Nutrient supplementation is at the discretion of the treating clinician. The supplement dose ranges provided below are meant for educational purposes only. These dosage ranges relate to findings commonly found on Genova's nutritional panels and do not apply to specific disease conditions where different dosages may be warranted.

Nutrient	Adult Dosage Range*
Vitamin C	0-1000 mg
Vitamin D	0-2000 IU
Vitamin E (mixed tocopherols)	0-400 IU
Vitamin B-1 (Thiamin)	0-50 mg
Vitamin B-2 (Riboflavin)	0-50 mg
Vitamin B-3 (Niacin)	0-50 mg
Vitamin B-5 (Pantothenic Acid)	0-100 mg
Vitamin B-6 (Pyridoxine)	0-50 mg
Vitamin B-12 (Cobalamin)	0-1000 mcg
Folic Acid	0-1000 mcg
Biotin	0-400 mcg
Magnesium	0-400 mg
Selenium	0-200 mcg
Carnitine	0-1000 mg
Coenzyme Q10	0-200 mg
Lipoic Acid	0-200 mg
N-Acetylcysteine	0-1000 mg
L-Arginine	0-1000 mg
Glycine	0-3000 mg

*Dosage ranges are adapted from the textbook *Nutritional Medicine* by Alan Gaby, M.D.¹

1. Gaby AR. *Nutritional Medicine*. Vol 265: Fritz Perlberg Publishing; 2011.