

Functional Organic Acids and Metabolomics Assessment

PATIENT INFO:

PATIENT: Brien Shamp COLLECTED: 4/20/2023

DOB: 11/19/1972

ACCESSION: 20230424-0132

RECEIVED: 4/24/2023 COMPLETED: 5/16/2023

PROVIDER INFO:

Designs for Health Spotlight

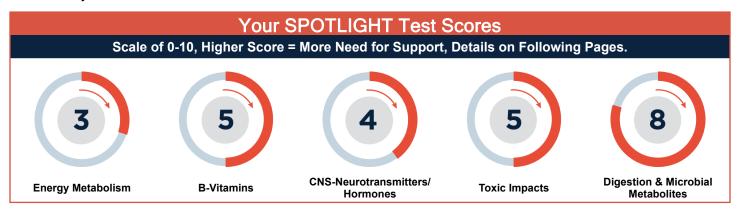
Brien Shamp,

Introduction - Your Metabolomic Signature

Designs for Health is pleased to offer you Designs for Health Metabolomics Spotlight™ Analysis revealing your unique Metabolic Signature.

Using a systems-biology approach, the test assesses biomarkers that go beyond the traditional lists of analytes. Metabolites are impacted by many factors and can change in response to diet, nutrient status, toxin exposures, exercise, physiologic demands, genetics, gut microbiome alterations, or disordered health state. Metabolic analysis can help clinicians evaluate the function of key pathways to better target support.

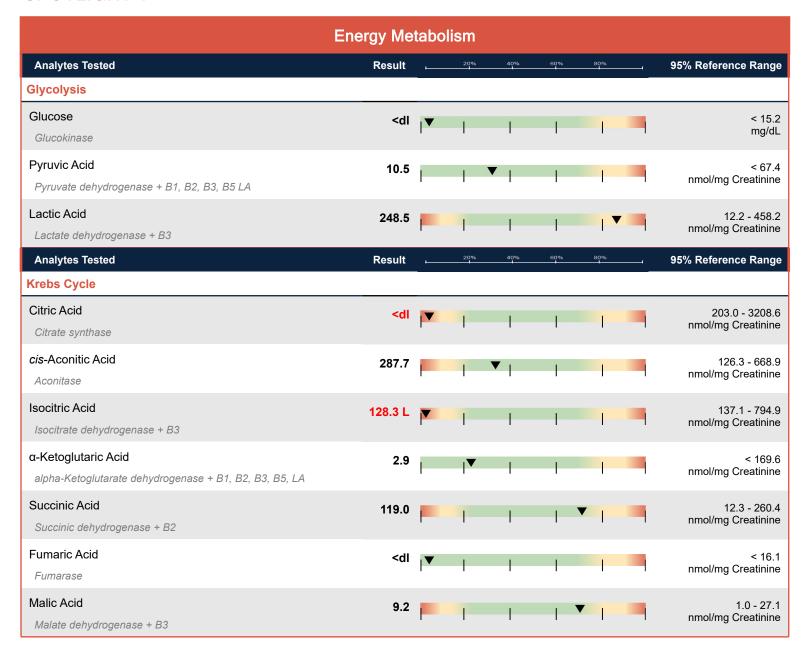
This test enables you to see a larger personal health picture by deciphering and connecting perturbations of key metabolic pathways and analytes, allowing for truly personalized support. Metabolomics, also called *comprehensive metabolic profiling*, evaluates patterns related to core biological systems, offering insight into biochemical dysfunctions that may be of concern. Organic acids and other small molecules are intermediate compounds that can define the efficient flow of metabolic pathways and can help in revealing the functional status of key areas of biochemistry and health.

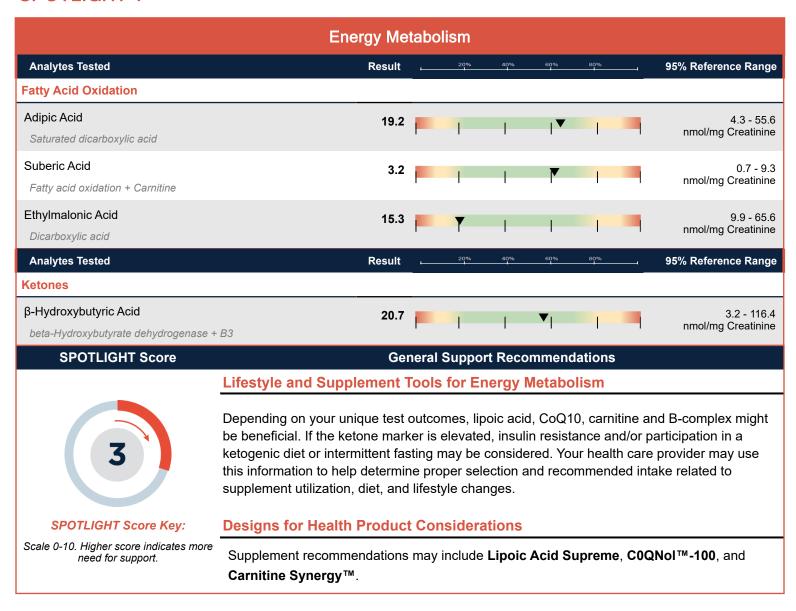


Lifestyle and Supplement Recommendations:

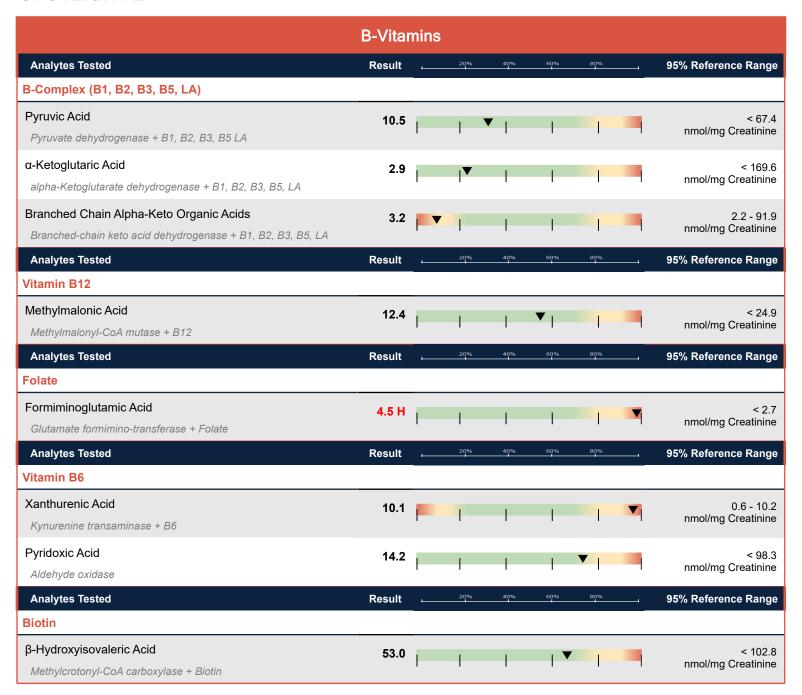
The lifestyle and supplement recommendations included in this report are generalized and made for adults. Not all recommendations are appropriate or applicable for every individual. A knowledgeable and qualified healthcare practitioner should review all recommendations and adjust them as needed, based on the individual's age, personal health history, pregnancy or breastfeeding status, potential drug or nutrient interactions, contraindications, current supplement use, diet, lifestyle, and other relevant factors.

KEY: < DL = Results below detection limit.





KEY: < DL = Results below detection limit.



SPOTLIGHT 2

B-Vitamins

SPOTLIGHT Score

General Support Recommendations

Lifestyle and Supplement Tools for B-Vitamins



SPOTLIGHT Score Key:

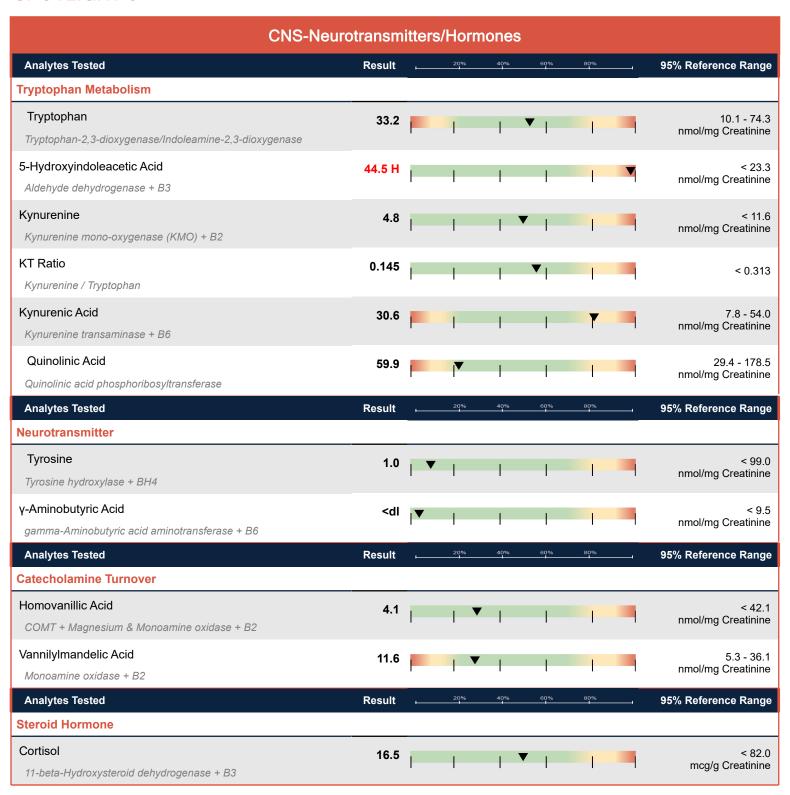
Scale 0-10. Higher score indicates more need for support.

Depending on your unique test outcomes, vitamins B12, B6, folate, and/or B-complex may be beneficial. Your health care provider may use this information to help determine proper selection and recommended intake related to supplement utilization, diet, and lifestyle changes.

Designs for Health Product Considerations

Supplement recommendations may include **B-Supreme**, **Tricobalamin™**, **Trifolamin™**, Or **L-5-MTHF-500**.

KEY: < DL = Results below detection limit.



SPOTLIGHT 3

CNS-Neurotransmitters/Hormones

SPOTLIGHT Score

General Support Recommendations

Lifestyle and Supplement Tools for CNS-Neurotransmitters/Hormones



SPOTLIGHT Score Key:

Scale 0-10. Higher score indicates more need for support.

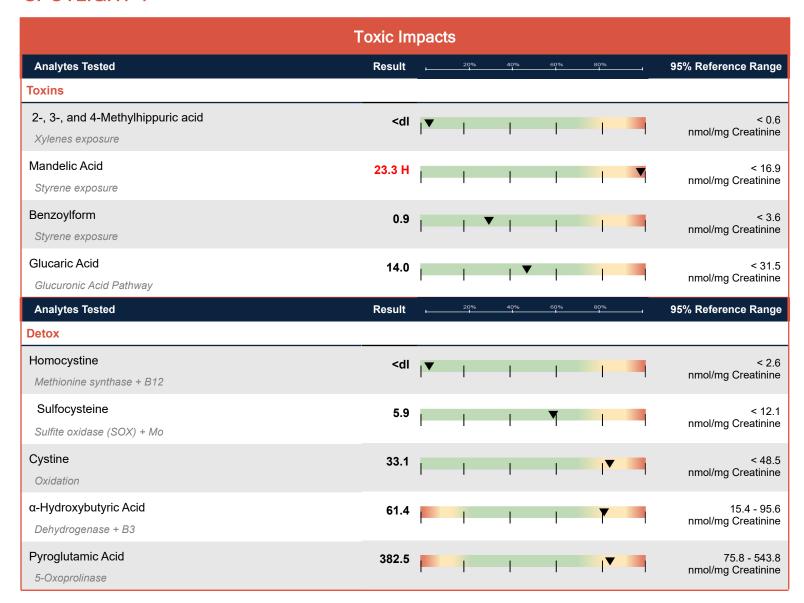
Depending on your unique test outcomes, 5-HTP, GABA, adaptogenic herbs, magnesium, B-complex, B6, taurine, L-theanine, tyrosine, Macuna (L - Dopa), and/or stress reducing lifestyle techniques might be beneficial. Your health care provider may use this information to help determine proper selection and recommended intake related to supplement utilization, diet, and lifestyle changes.

Designs for Health Product Considerations

Supplement recommendations might include Glucosupreme™, CatecholaCalm™, DopaBoost™, Adrenatone™, 5-HTP Supreme™, OmegaEvail™, and pharma-GABA.

KEY: < DL = Results below detection limit.







SPOTLIGHT 4

Toxic Impacts

SPOTLIGHT Score

General Support Recommendations

Lifestyle and Supplement Tools for Toxic Impacts



SPOTLIGHT Score Key:

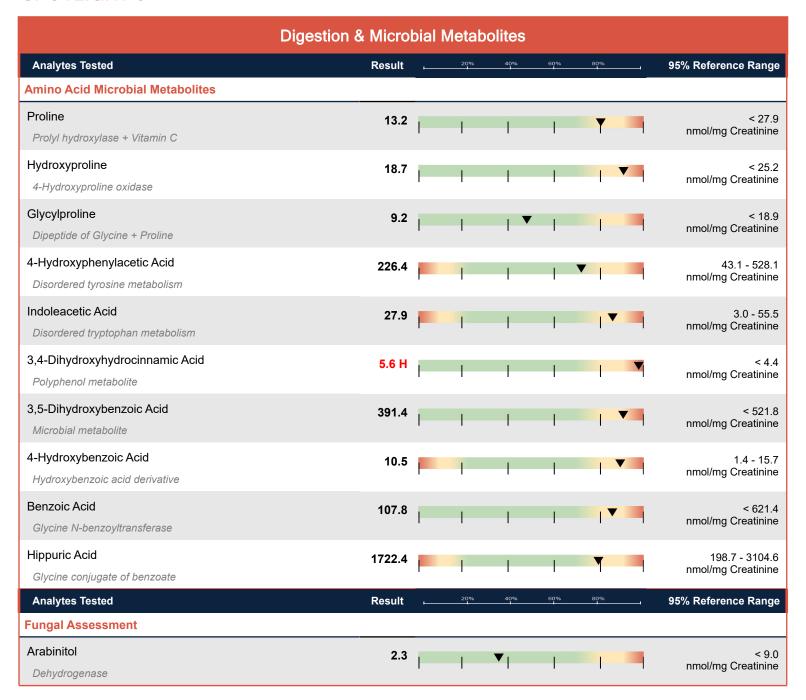
Scale 0-10. Higher score indicates more need for support.

Depending on your unique test outcomes, glutathione, various antioxidants, B-complex, NAC, glycine, glutamine, taurine, ornithine, MSM, and/or methionine may be beneficial. Your health care provider may use this information to help determine proper selection and recommended intake related to supplement utilization, diet, and lifestyle changes.

Designs for Health Product Considerations

Supplement recommendations may include **Detox Antiox™**, **B-Supreme**, **S-Acetyl Glutathione Synergy** and **Amino-D-Tox™**.

KEY: < DL = Results below detection limit.





SPOTLIGHT 5

Digestion & Microbial Metabolites

SPOTLIGHT Score

General Support Recommendations

Lifestyle and Supplement Tools for Digestion & Microbial Metabolites



SPOTLIGHT Score Key:

Scale 0-10. Higher score indicates more need for support.

Depending on your unique test outcomes, digestive enzymes, probiotics, collagen peptides, and/or certain botanicals to address microbial imbalance may be beneficial. Your health care provider may use this information to help determine proper selection and recommended intake related to supplement utilization, diet, and lifestyle changes.

Designs for Health Product Considerations

Supplement recommendations may include **Digestzymes™**, **GI Microb-X™**, **ProbioMed™-100**, and **Whole Body Collagen**.

Summary and Recommendations:

Below are your supplement recommendations, as determined by the algorithmic assessment of your test results. Your healthcare practicioner should review all recommendations and adjust them as needed, based on your age, personal health history, pregnancy or breastfeeding status, potential drug or nutrient interactions, contraindications, current supplement use, diet, lifestyle, and other relevant factors.

Designs for Health Product Recommendations	
Name	How to Take
5-HTP Supreme ™	Take 1 capsule per day or as directed by your health-care practitioner.
Amino-D-Tox ™	Take 6 capsules per day between meals or as directed by your health-care practitioner.
Digestzymes ™	Take 1 capsule per day with a meal or as directed by your health-care practitioner.
GI-Microb-X ™	Take 2 capsule three times per day on an empty stomach for 3 weeks, or as directed by your health-care practitioner.
Homocystine Supreme	Take 2 capsules per day with food, or as directed by your health-care practitioner.
L-5-MTHF 850 MCG DFE (500 MCG)	Take one capsule per day or as directed by your health care practitioner.
L-Tyrosine	Take 2 capsules per day on an empty stomach or as directed by your health-care practitioner.
Lipoic Acid Supreme	Take 1 capsule per day with a meal or as directed by your health-care practitioner.
Oil of Oregano ™	Take 2 capsules three times per day on an empty stomach for 3 weeks, or as directed by your health-care provider.
Probiomed ™ 100	Take 1 capsule per day with a meal or as directed by your healthcare practitioner
S-Acetyl Glutathione Synergy	Take 2 capsules per day or as directed by your health-care practitioner.
Whole Body Collagen	Mix 13 grams (approximately one scoop) in 8 ounces of water per day or as directed by your health-care practitioner. For best results, add powder prior to adding water.

^{*}This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

The Designs for Health Spotlight™ tests are not diagnostic and are not eligible for coverage under Medicare, Medicaid, or medical insurance.

Designs for Health Metabolomics Spotlight™, Tricobalamin™, Trifolamin™ Glucosupreme™, CatecholaCalm™, DopaBoost™, Adrenatone™, 5-HTP Supreme™, OmegaEvail™, pharmaGABA®, Detox Antiox™, Amino-D-Tox™, Digestzymes™, Gl Microb-X™, and ProbioMed™ are trademarks of Designs for Health Inc.

designs for health **Metabolomics** Spotlight™

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Your SPOTLIGHT Test Scores

Scale of 0-10, Higher Score = More Need for Support, Details on Following Pages.







B-Vitamins



CNS-Neurotransmitters/ **Hormones**



Toxic Impacts



Digestion & Microbial Metabolites

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Practitioner Recommendations:

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The opinions and supplement recommendations in this report have been added by Designs for Health, and do not necessarily reflect the position of Diagnostic Solutions Laboratory. All results should be evaluated by a licensed healthcare professional.