

## Pathology Analysis and Reporting Tool

v1.2.2

### Clinic Details

Clinic name Down to Earth Naturopathy  
 Practitioner Mado Paulsen  
 Clinic address ONLINE (downtoearthnaturopathy.com)  
 Clinic phone 0479 073 273



### Client Details

Client name Kerry Lewis  
 Age

Date of report	30.09.24	Date of test (1)	07.11.23	Fasted?*	N	Date (2)	23.09.24	Fasted?*	N	(Y/N)
Allergies/Autoimmune?	N	(Y/N)	Upper GIT Sx?	Y	(Y/N)	Lower GIT Sx?	Y	(Y/N)		
Reason for these tests	Recurrent GIT Symptoms									

\* some test results cannot be interpreted accurately if not done in a fasted state

### Pathology analysis information

Interpretation of the results: The "reference range" given in pathology tests is a statistical average of people who get blood tests at that lab. As healthy people generally don't get blood tests, the reference range is really just an average of previous test results **of many sick people**. The reference range used by doctors is generally **not** a healthy range. The optimum ranges used in this report are based on research and pathology texts for the best range for healthy people. This analysis report looks at a combination of test results for a holistic view of specific risk factors. Further testing may be required to investigate issues to find the causes of some abnormal results.

Testing may be recommended to be repeated, say every 1-3-6 months, depending on the test, to check for progress, and to adjust treatment plans as needed.

Please note that this analysis report is NOT attempting to diagnose conditions, but to highlight nutritional deficiencies or excesses, or poor organ function which may or may not have previously been known.

### Results interpretation

- 24** If your result is within the optimum range, it is coloured green. Hence green results are GOOD!
- 7.6** If your result is outside of the optimum range, it is coloured red. Red results are not ideal.
- 125** If your result is particularly significant, severe or abnormal, it has been highlighted in yellow too.

Practitioner: Mado Paulsen (Down to Earth Naturopathy)

## Pathology Analysis Summary Report

Test Date: 07.11.23

Key Nutrients:	Deficient	Good	Excessive	N/A	Result
Iron - intake				N/A	
Iron - absorbed				N/A	
Iron - stores (male)				N/A	
Iron - stores (female)				N/A	
Vitamin B12 (active)				N/A	
Vitamin B12 (serum)		Good			776.00
Folate	Deficient				20.00
Protein	Deficient				67.00
Zinc (Serum)				N/A	
Copper				N/A	
Vitamin D	Deficient				92.00
Calcium			Excessive		2.53
Potassium			Excessive		4.90
Phosphorus		Good			1.25
Cholesterol			Excessive		7.50
Carbohydrates/sugar				N/A	
Sodium	Deficient				134.00
Chloride	Deficient				96.00
Anaemia risk:	Low	Good	High	N/A	Result
Haemoglobin (male)				N/A	
Haemoglobin (female)	Low				132.00
Vitamin B12 (active)				N/A	
Vitamin B12 (serum)		Good			776.00
Folate	Low				20.00
Zinc (Serum)				N/A	
Digestive system:				N/A	
Stomach acid	Low				
Leaky gut					
Dysbiosis	Yes				
Lifestyle:	Deficient	Good	Excessive	N/A	Result
Stress - Cortisol				N/A	
Stress - ACTH				N/A	
DHEAS - male				N/A	
DHEAS - female				N/A	
Liver function:	Low	Good	High	N/A	Result
Cholesterol			High		7.50
Triglycerides				N/A	
Bilirubin	Low				5.00
Liver enzymes - ALP			High		103.00
Liver enzymes - ALT		Good			14.00
Liver enzymes - AST		Good			16.00
Liver enzymes - GGT			High		82.00
Kidney function:	Low	Good	High	N/A	Result
Urea			High		6.90
Creatinine	Low				62.00
Urate (Uric acid)		Good			0.29

Estimated Kidney %	Low				86
<b>Thyroid function:</b>	Low	Good	High	N/A	<b>Result</b>
TSH	Low				0.6
T4 - Inactive hormone	Low				10.3
T3 - Active hormone				N/A	
T4-T3 ratio				N/A	
Thyroid antibodies					
Zinc (Serum)				N/A	
Vitamin D	Low				92.00
<b>Immune function:</b>	Low	Good	High	N/A	<b>Result</b>
White blood cells		Good			7.40
Neutrophils	Low				4.79
Lymphocytes	Low				1.79
Neut/Lymph ratio		Good			2.68
Globulins			High		30.00
Vitamin D	Low				92.00
Zinc (Serum)				N/A	
<b>Inflammation:</b>	Low	Good	High	N/A	<b>Result</b>
Short term - CRP			High		9.00
Long term - ESR				N/A	
Homocysteine				N/A	
Vitamin D	Low				92.00
<b>Oxidative stress:</b>	Low	Good	High	N/A	<b>Result</b>
Urate (Uric acid)		Good			0.286
Homocysteine				N/A	
<b>Heart health:</b>	Low	Good	High	N/A	<b>Result</b>
Triglycerides				N/A	
Triglyceride : HDL ratio				N/A	
Albumin	Low				37.00
eGFR	Low				86.00
Homocysteine				N/A	
<b>Stomach function:</b>	Low	Good	High	N/A	<b>Result</b>
Zinc (Serum)				N/A	
Vitamin B12 (active)				N/A	
Vitamin B12 (serum)		Good			776.00
Folate (serum)	Low				20.00
Total protein	Low				67.00
Transferrin sat %				N/A	
<b>Energy production:</b>	Low	Good	High	N/A	<b>Result</b>
Thyroid function (TSH)			High		0.6
Cholesterol			High		7.50
Vitamin B12 (active)				N/A	
Vitamin B12 (serum)		Good			776.00
Folate (serum)	Low				20.00
Haemoglobin (male)				N/A	
Haemoglobin (female)	Low				132.00
Transferrin sat %				N/A	
Phosphate		Good			1.25

Mental Health:	Low	Good	High	N/A	Result
Thyroid function (TSH)			High		0.6
Cholesterol			High		7.50
Vitamin B12 (active)				N/A	
Vitamin B12 (serum)		Good			776.00
Folate (serum)	Low				20.00
Zinc (Serum)				N/A	
Vitamin D	Low				92.00

Analysis Summary