Pathology Analysis and Reporting Tool

Clinic Details

Clinic name AIM Natural Healthcare

Practitioner Amy Phillips

Clinic address Shop 1/132 Willoughby Road, Crows Nest, NSW, 2065

Clinic phone 0493 403 326

Client Details

Client name Martin Tirzins

Age 19/02/1988

Date of report 15/07/2022 Date of tests 24/06/2022 Fasted test?* Y (Y/N)
Allergies/Autoimmune? (Y/N) Upper GIT Sx? Y (Y/N) Lower GIT Sx? N (Y/N)

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.



^{*} some test results cannot be interpreted accurately if not done in a fasted state

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125 If your result is particularly significant, severe or abnormal, it has been highlighted in yellow too.

Pathology Test Results - Naturopathic Summary Report

Key Nutrients:	Deficient	Good	Excessive	N/A	Result
Iron - intake		Good			16.90
Iron - absorbed		Good			31.00
Iron - stores (male)		Good			157.00
Iron - stores (female)				N/A	
Vitamin B12	Deficient				239.00
Folate	Deficient				24.20
Protein		Good			71.00
Zinc				N/A	
Copper				N/A	
Vitamin D	Deficient				62.00
Calcium		Good			2.32
Potassium			Excessive		4.90
Phosphorus	Deficient				1.18
Cholesterol	Deficient				4.30
Carbohydrates/sugar		Good			0.90
Sodium			Excessive		143.00
Chloride		Good			106.00
Anaemia risk:	Low	Good	High	N/A	Result
Haemoglobin (male)		Good			149.00
Haemoglobin (female)				N/A	
Vitamin B12	Low				239.00
Folate	Low				24.20
Zinc				N/A	
Digestive system:				N/A	
Stomach acid	Low				
Stomach acid Leaky gut				N/A Unknown	
Stomach acid Leaky gut Dysbiosis	Yes			Unknown	
Stomach acid Leaky gut Dysbiosis Lifestyle:		Good	Excessive	Unknown N/A	Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol	Yes	Good	Excessive	Unknown	Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH	Yes	Good	Excessive	Unknown N/A N/A N/A	Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male	Yes	Good	Excessive	N/A N/A N/A N/A	Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female	Yes Deficient			N/A N/A N/A N/A N/A N/A	
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function:	Yes Deficient Low	Good	Excessive High	N/A N/A N/A N/A	Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol	Yes Deficient	Good		N/A N/A N/A N/A N/A N/A	Result 4.30
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides	Yes Deficient Low		High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin	Yes Deficient Low Low	Good		N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP	Yes Deficient Low	Good	High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - ALT	Yes Deficient Low Low	Good Good	High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST	Yes Deficient Low Low	Good	High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST Liver enzymes - GGT	Yes Deficient Low Low	Good Good Good	High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - ALT Liver enzymes - GGT Kidney function:	Yes Deficient Low Low	Good Good Good Good	High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST Liver enzymes - GGT Kidney function: Urea	Yes Deficient Low Low	Good Good Good Good	High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result 5.40
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - ALT Liver enzymes - GGT Kidney function: Urea Creatinine	Yes Deficient Low Low	Good Good Good Good	High High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result 5.40 85.00
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST Liver enzymes - GGT Kidney function: Urea Creatinine Urate (Uric acid)	Yes Deficient Low Low	Good Good Good Good Good	High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result 5.40 85.00 0.41
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST Liver enzymes - GGT Kidney function: Urea Creatinine Urate (Uric acid) Estimated Kidney %	Yes Deficient Low Low Low	Good Good Good Good Good Good	High High High High	N/A N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result 5.40 85.00 0.41 90
Stomach acid Leaky gut Dysbiosis Lifestyle: Stress - Cortisol Stress - ACTH DHEAS - male DHEAS - female Liver function: Cholesterol Triglycerides Bilirubin Liver enzymes - ALP Liver enzymes - AST Liver enzymes - GGT Kidney function: Urea Creatinine Urate (Uric acid)	Yes Deficient Low Low	Good Good Good Good Good	High High High	N/A N/A N/A N/A N/A N/A	Result 4.30 0.90 14.00 57.00 29.00 21.00 57.00 Result 5.40 85.00 0.41

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T4 - Inactive hormone	Low				13.8
T3 - Active hormone				N/A	
T4-T3 ratio				N/A	
Thyroid antibodies					
Zinc				N/A	
Vitamin D	Low				62.00
Immune function:	Low	Good	High	N/A	Result
White blood cells		Good			5.50
Neutrophils		Good			58.00
Lymphocytes		Good			29.00
Neut/Lymph ratio		Good			2.00
Globulins	Low				23.00
Vitamin D	Low				62.00
Zinc				N/A	
Inflammation:	Low	Good	High	N/A	Result
Short term - CRP		Good			1.90
Long term - ESR		Good			1.00
Homocysteine				N/A	
Vitamin D	Low				62.00
Oxidative stress:	Low	Good	High	N/A	Result
Urate (Uric acid)			High		0.41
Homocysteine				N/A	
потпосузтение				IN/A	
Heart health:	Low	Good	High	N/A	Result
	Low	Good Good	High		Result 0.90
Heart health:	Low Low risk		High		
Heart health: Triglycerides			High		0.90
Heart health: Triglycerides Triglyceride : HDL ratio		Good	High		0.90 0.69
Heart health: Triglycerides Triglyceride: HDL ratio Albumin		Good	High		0.90 0.69 48.00
Heart health: Triglycerides Triglyceride : HDL ratio Albumin eGFR		Good	High High	N/A	0.90 0.69 48.00
Heart health: Triglycerides Triglyceride : HDL ratio Albumin eGFR Homocysteine	Low risk	Good Good Good		N/A	0.90 0.69 48.00 90.00
Heart health: Triglycerides Triglyceride : HDL ratio Albumin eGFR Homocysteine Stomach function:	Low risk	Good Good Good		N/A N/A N/A	0.90 0.69 48.00 90.00
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc	Low risk	Good Good Good		N/A N/A N/A	0.90 0.69 48.00 90.00 Result
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum)	Low risk	Good Good Good		N/A N/A N/A	0.90 0.69 48.00 90.00 Result
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum)	Low risk	Good Good Good		N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein	Low risk	Good Good Good		N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00
Heart health: Triglycerides Triglyceride : HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat %	Low Low Low	Good Good Good Good	High	N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production:	Low Low Low	Good Good Good Good Good Good	High	N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production: TSH	Low Low Low	Good Good Good Good Good Good	High	N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result 1.13
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production: TSH Cholesterol	Low Low Low Low	Good Good Good Good Good Good	High	N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result 1.13 4.30
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production: TSH Cholesterol Vitamin B12 (serum)	Low Low Low Low Low	Good Good Good Good Good Good	High	N/A N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result 1.13 4.30 239.00
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production: TSH Cholesterol Vitamin B12 (serum) Folate (serum) Haemoglobin (male) Haemoglobin (female)	Low Low Low Low Low	Good Good Good Good Good Good Good	High	N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result 1.13 4.30 239.00 24.20 149.00
Heart health: Triglycerides Triglyceride: HDL ratio Albumin eGFR Homocysteine Stomach function: Zinc Vitamin B12 (serum) Folate (serum) Total protein Transferrin sat % Energy production: TSH Cholesterol Vitamin B12 (serum) Folate (serum) Haemoglobin (male)	Low Low Low Low Low	Good Good Good Good Good Good Good	High	N/A N/A N/A N/A	0.90 0.69 48.00 90.00 Result 239.00 24.20 71.00 31.00 Result 1.13 4.30 239.00 24.20

Analysis Summary

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Optimise sodium, potassium, B12, folate & vitamin D levels. Increase phosphorus & healthy fats in diet. Increase anti-oxidant intake