

# Final Episode Report

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Practice No:0774383

**Report to:** DR RAOUL GOLDBERG  
**DALING JANMARTEN**

**Requisition No:** 660842854

**Patient:**

MR JANMARTEN DALING

**Collection Date:** 2025-04-04 14:00

**Received Date:** 2025-04-04 15:45

**Generated On:** 2025-04-10 07:53

**Patient ID No:** 8305145088089

**Age:Sex:DoB:** 41y: M: 1983-05-14

**Contact No:** 0825578133

**Patient Email:** JMDALING@GMAIL.COM

**Guarantor:**

MR J DALING

**Med Aid:** DISCOVERY

**Member No:** 255751841

**Contact No:** 0825578133

**Clinical Data:** LMP: Not supplied

**Tests requested:** LYMPHOCYTE SUBSETS; C-REACTIVE PROTEIN; HIGH SENSITIVE CRP; LIVER FUNCTION TESTS; IRON PROFILE + FERRITIN; VITAMIN D3 (25 OH); TSH - S; PROLACTIN; FSH; LH; ESTROGEN (E2); DHEAS; FREE TESTOSTERONE CALCULATED

**Referral ICD10 code(s):** Z76.9

## Ch BIOCHEMISTRY

0404:BA06197R

Final

Test Name	Result	Flag	Reference Range
<b>SAMPLE APPEARANCE</b>			
LIPAEMIC			
	ABSENT		
ICTERUS	ABSENT		
HAEMOLYSIS	ABSENT		
C-REACTIVE PROTEIN	137.2	H	0-5.0 mg/L
HIGH SENSITIVE CRP	137.0	*H	< 1.00 mg/L

### INTERPRETATION:

<1 mg/L - LOW RISK

1 - 3 mg/L - MODERATE RISK

>3 mg/L - HIGH RISK

>5.0 mg/L - Consider active infection/inflammation

An Us-CRP result >5.0 mg/L is suggestive of active infection or inflammation and should not be used for evaluation of cardiovascular risk. Suggest repeat analysis during clinical follow-up, to establish the true baseline value.

LIVER FUNCTIONS	Result	Flag	Reference Range
S-TOTAL PROTEIN	54	L	64-83 g/L
S-ALBUMIN	34	L	35-52 g/L
GLOBULIN	20	L	21-35 g/L
BILIRUBIN TOTAL-S	9	#	< 22 umol/L
*** Delta : 7 - Apr 1 2025 10:39AM			
S-CONJ. BILIRUBIN	5	#	< 9 umol/L
*** Delta : 4 - Apr 1 2025 10:39AM			
UNCONJ. BILIRUBIN	4		< 19 umol/L
S-ALK. PHOSPHATASE	120		53-128 IU/L
S-GAMMA GT	66	H	< 60 IU/L
S-ALT	50	H	< 41 IU/L

S-AST	*** Delta : 62 - Apr 1 2025 10:39AM	30	#	< 41 IU/L
S-IRON	*** Delta : 43 - Apr 1 2025 10:39AM	4.2	*L	12 - 31 umol/L
	Please note: IV iron administration interferes with the method and testing should be postponed for at least 3 weeks after treatment.			
S-TRANSFERRIN		1.76		1.74 - 3.64 g/L
TRANSFERRIN SATURATION		9	*L	20-55 %
FERRITIN (ABBOTT)		1264	H	ug/L
	Upper limit for ferritin is 275 ug/L. Causes of raised ferritin include: Acute and chronic inflammatory disorders Obesity, insulin resistance, metabolic syndrome Excessive alcohol consumption Liver disease Excessive iron therapy Malignancy Iron overload: Hemochromatosis, repeated blood transfusions			

## En ENDOCRINOLOGY

0404:EA03179R

Final

Test Name	Result	Flag	Reference Range
VITAMIN D (25 OH) (ABBOTT)	33		ng/mL
Interpretation of 25-OH Vit D level [ng/ml]: Deficiency: < 12 Partial deficiency: 12 - 19 Optimal level: > 20 Toxicity: > 100 Ref: Munn et al. JCEM.2016;101(2):394			
S-TSH (ABBOTT)	0.94	#	0.35 - 4.94 mIU/L
	*** Delta : 0.51 - Apr 1 2025 10:39AM Please note that this test has been performed within a shorter timeframe than guidelines suggest for the minimum retesting interval. Refer previous result: 0.51 mIU/L on 01/04/25 14:45		
THYROID COMMENT			.
	The normal TSH excludes primary thyroid disease. The TSH may however, be normal with secondary hypothyroidism (low T4/T3). Please evaluate clinically.		
PROLACTIN (ABBOTT)	11.8		3.5-19.4 ug/L
FSH (ABBOTT)	< 0.11	*L	0.95-11.95 IU/L
LH (ABBOTT)	0.85		0.57-12.07 IU/L
ESTROGEN E2 (ABBOTT)	973	H	< 161 pmol/L
DHEAS (ABBOTT)	5.5		3.8 - 13.1 umol/L
TESTOSTERONE			
T-TESTOSTERONE (ABBOTT)	47.3	*H	8.3 - 30.1 nmol/L
	Due to diurnal variation, the ideal blood sampling time is before 10 am.		
SEX HORMONE BIND.GLOBULIN	49		11 - 78 nmol/L
FREE TESTOSTERONE - CALCULATED	982.3	H	284-734 pmol/L
	Please note: Change in reference range from 06/11/24 CALCULATED FREE TESTOSTERONE (CFT)		
	<ol style="list-style-type: none"> <li>1. The Calculated Free Testosterone is a more reliable reflection of BIO-AVAILABLE TESTOSTERONE than total testosterone or Free Androgen Index.</li> <li>2. A morning blood sample obtained before 10:00 is recommended.</li> <li>3. values are less accurate in patients with low albumin (eg. pregnancy, cirrhosis)</li> </ol>		
	Ref: Jnl of Clin.Endocrin. + Metab : 1999		

Ha	HAEMATOLOGY	
	0404:HS00385R	Final

Test Name	Result	Flag	Reference Range
Total T-Cell count	932	L	1100 - 1700 /cmm
CD3 cell %	66.2	L	67 - 76 %
CD4 cell count	597	L	724 - 1785 /cmm
CD4 cell %	42.5		37.7 - 55.3 %
CD8 cell count	398		318 - 980 /cmm
CD8 cell %	28.3	H	17.2 - 26.8 %
CD4+ : CD8+ rat	1.50	L	1.58 - 2.63
N. Killer cell count	214		200 - 400 /cmm
CD 56 NK cell %	17		10 - 19 %
Total B cell count	102	L	200 - 400 /cmm
CD19 cell %	7.98	L	11 - 16 %

The interpretation of laboratory test results requires the clinical evaluation to be known and contextualised. Please contact your medical practitioner for any questions related to these results. Your doctor would know whether further consultation with one of our specialist pathologists is necessary.

L=Low \*L=Critically Low H=High \*H=Critically High #=Delta Checked