

Final Episode Report

Hout Bay Medical Centre
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Report to:
DALING JAN-MARTEN

Referred by: DR GARTH DAVIDS

Requisition No: 664556931

Collection Date: 2025-06-24 10:51

Received Date: 2025-06-24 10:55

Generated On: 2025-06-27 11:51

Patient: (File No: 2437263)

MR JAN-MARTEN DALING

Patient ID No: 8305145088089

Age:Sex:DoB: 42y: 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: FULL BLOOD COUNT & PLT; U/E + CREAT-S; LIVER FUNCTION TESTS; CKD-EPI (GFR ESTIMATE); THYROID
FUNC DISCOVERY TSH+T4; BHCG TUMOUR MARKER (ROCHE); ESTROGEN (E2); TESTOSTERONE - TOTAL;
CORTISOL RANDOM - S

Referral ICD10 C37
code(s):

Ch	BIOCHEMISTRY
	0624:BA03508U
	Final

Test Name	Result	Flag	Reference Range
SAMPLE APPEARANCE			
LIPAEMIC	ABSENT		
ICTERUS	ABSENT		
HAEMOLYSIS	ABSENT		
ELECTROLYTES			
S-SODIUM	137		136-145 mmol/L
S-POTASSIUM	4.6		3.5-5.1 mmol/L
S-CHLORIDE	100		98-108 mmol/L
S-BICARBONATE	26.0		22.0-28.0 mmol/L
ANION GAP	11		3-15 mmol/L
S-UREA	3.6	#	2.1-7.1 mmol/L
*** Delta : 4.7 - Jun 4 2025 7:13AM			
S-CREATININE (Enzymatic)	73		64-104 umol/L
CKD-EPI eGFR (ml/min/1.73m2)	109		>=90
Results for eGFR should be interpreted in conjunction with urine albumin creatinine ratio (ACR). eGFR may be unreliable in pregnancy, the elderly, extremes of muscle mass, acute renal impairment, severe dehydration. Ref: NKF K/DQI Guidelines/ KDIGO 2012 Guideline			
LIVER FUNCTIONS			
S-TOTAL PROTEIN	61	L	64-83 g/L
S-ALBUMIN	44		35-52 g/L
GLOBULIN	17	L	21-35 g/L
A PROTEIN ELECTROPHORESIS may be of diagnostic help to ascertain the cause of the abnormal globulin. Please phone your local laboratory if required.			
BILIRUBIN TOTAL-S	14		< 22 umol/L
S-CONJ. BILIRUBIN	6		< 9 umol/L
UNCONJ. BILIRUBIN	8		< 19 umol/L
S-ALK. PHOSPHATASE	106		53-128 IU/L

S-GAMMA GT	41	#	< 60 IU/L
*** Delta : 60 - Jun 4 2025 7:13AM			
S-ALT	22		< 41 IU/L
S-AST	21		< 41 IU/L

En	ENDOCRINOLOGY
0624:EA01596U	
Final	

Test Name	Result	Flag	Reference Range
FREE T4 (ABBOTT)	13.3	#	9.0 - 19.1 pmol/L
*** Delta : 9.1 - Jun 9 2025 9:15AM			
S-TSH (ABBOTT)	0.14	# L	0.35 - 4.94 mIU/L
*** Delta : 0.32 - Jun 9 2025 9:15AM			
Please note that this test has been performed within a shorter timeframe than guidelines suggest for the minimum retesting interval.			
Refer previous result: 0.32 mIU/L on 09/06/25 14:33			
THYROID COMMENT			
Causes for a low TSH and normal T4 include:			
- non-thyroidal illness			
- subclinical hyperthyroidism (normal T3)			
- hyperthyroidism (high T3)			
- glucocorticoid/dopamine treatment			
- T3-containing medication			
- recent treatment of hyperthyroidism (TSH may take months to normalize).			
BHCG TUMOUR MARKER (ROCHE)	112473	H	< 2 IU/L
ESTROGEN E2 (ABBOTT)	900	H	< 161 pmol/L
T-TESTOSTERONE (ABBOTT)	47.1	*H	8.3 - 30.2 nmol/L
Result has been checked in dilution.			
Due to diurnal variation, the ideal blood sampling time is before 10 am.			
CORTISOL RANDOM (ABBOTT)	260		nmol/L
SERUM CORTISOL REFERENCE RANGES (nmol/l): (NON-STRESSED)			
Before 10am : 102 - 535			
After 5pm : 80-477			
Oestrogen (e.g. contraceptives and pregnancy) may cause values to rise to 2x above of reference interval.			
20 - 30 % of patients with Cushing's syndrome may have normal am values, and a dexamethazone suppression test may be required if clinically indicated.			

Ha	HAEMATOLOGY
0624:HA02566U	
Final	

Test Name	Result	Flag	Reference Range
RED CELLS			
Red cell count	3.95	L	4.5 - 5.9 x10E12/L
Haemoglobin	12.3	L	12.5 - 16.5 g/dL
Haematocrit	0.39	L	0.40 - 0.50 L/L
MCV	100	# H	81 - 95 fl
*** Delta : 97 - Jun 4 2025 7:13AM			
MCH	31		28 - 35 pg
MCHC	31	L	32 - 36 g/dL
RDW	18.0	H	10 - 15 %
WHITE CELLS			
White cell count	5.5		4.0 - 11.0 x10E9/L
Neutrophils %	62.5		%
Lymphocytes %	22.5		%

Monocytes %	10.5	%
Eosinophils %	3.6	%
Basophils %	0.7	%
Imm Granulocytes %	0.2	<0.9 %
Neutrophils ABS	3.43	2.00 - 7.50 x10E9/L
Lymphocytes ABS	1.24	1.00 - 4.00 x10E9/L
Monocytes ABS	0.58	0.00 - 0.80 x10E9/L
Eosinophils ABS	0.20	0.00 - 0.40 x10E9/L
Basophils ABS	0.04	0.00 - 0.10 x10E9/L
Imm Granulocyte ABS	0.01	<0.07 x10E9/L
PLATELETS		
Platelet count	184	140 - 420 x10E9/L
FULL BLOOD COUNT COMMENT (SUPPLIED IF RELEVANT)		
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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