

Patient Health Summary

Name: Mrs Natalie Dzeparoski
Address: 27 Gahnia Avenue
Figtree 2525
D.O.B.: 17/07/1985
Record No.:
Phone:

Crown West Medical
330 Crown Street
Wollongong 2500
02 4228 4155

Printed on 1st November 2024

Investigations:

DZEPAROSKI, NATALIE
27 GAHNIA AVENUE, FIGTREE. 2525
Phone: 0413522536
Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258
Your Reference: Lab Reference: 495527220-H-H902
Laboratory: Southern IML Pathology
Addressee: DR JESSICA S LEE Referred by: DR JESSICA S LEE

Name of Test: ED- Haematology
Requested: 30/05/2024 Collected: 13/09/2024 Reported: 13/09/2024 12:32

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

Haematology					Latest Results	
Date	12-May-17	23-May-17	01-Dec-22	13-Sep-24		
Time F-Fast	0955	1145	0945 F	0829 F		
Lab Id.	484067228	483679333	488944449	495527220	Reference	Units
Haemoglobin	118 L	129	125	137	(119-160)	g/L
RCC	3.9	4.3	4.1	4.5	(3.8-5.8)	10*12/L
Haematocrit	0.36	0.39	0.38	0.42	(0.35-0.48)	
MCV	91	91	92	93	(80-100)	fL
MCH	30	30	31	30	(27-32)	pg
MCHC	330	332	332	327	(310-360)	g/L
RDW	12	12	12	12	(10-15)	
WCC	6.2	5.4	6.7	5.9	(4.0-11.0)	10*9/L
Neutrophils	3.1	2.5	3.7	3.1	(2.0-7.5)	10*9/L
Lymphocytes	2.4	2.4	2.5	2.2	(1.0-4.0)	10*9/L
Monocytes	0.5	0.4	0.4	0.4	(0-1.0)	10*9/L
Eosinophils	0.2	0.2	<0.1	0.2	(0-0.5)	10*9/L
Basophils	<0.1	<0.1	<0.1	<0.1	(0-0.3)	10*9/L
Platelets	240	247	210	239	(150-450)	10*9/L

Supervising Pathologist:SA/RR

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: FULL BLOOD COUNT
Tests Pending : LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES,
GLUCOSE,PHOSPHATE,IRON STUDIES,Lipids & HDL,
CALCIUM(CORR),MAGNESIUM,VITAMIN B12,
Thyroid Function Test,VITAMIN D3

Sample Pending :

DZEPAROSKI, NATALIE
27 GAHNIA AVENUE, FIGTREE. 2525
Phone: 0413522536
Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258
Your Reference: Lab Reference: 495527220-C-C141
Laboratory: Southern IML Pathology
Addressee: DR JESSICA S LEE Referred by: DR JESSICA S LEE

Name of Test: SE- ROUTINE BIO
Requested: 30/05/2024 Collected: 13/09/2024 Reported: 13/09/2024 13:02

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

Routine biochemistry

				Latest Results		
Date	20-Feb-14	07-Aug-14	01-Dec-22	13-Sep-24		
Time F-Fast	0800 F	0840 F	0945 F	0829 F		
Lab Id.	481769344	482071852	488944449	495527220	Reference	Units
Fast. Glucose	4.8	4.1	3.8	4.4	(3.6-6.0)	mmol/L
Sodium			139	142	(135-145)	mmol/L
Potassium			3.9	5.5	(3.5-5.5)	mmol/L
Chloride			108	110	(95-110)	mmol/L
Bicarbonate			23	26	(20-32)	mmol/L
Urea			4.7	6.2	(2.5-7.0)	mmol/L
Creat.			57	61	(45-85)	umol/L
eGFR(CKD.EPI)			>90	>90	(>89)	mL/min/1.73m2
Calcium			2.29	2.32	(2.15-2.55)	mmol/L
Ca (corr)			2.27	2.30	(2.15-2.55)	mmol/L
Phosphate			1.14	1.13	(0.8-1.5)	mmol/L
Mg			0.84	0.89	(0.70-1.05)	mmol/L
Total Protein			65	66	(64-81)	g/L
Albumin			41	41	(33-46)	g/L
Globulin			24 L	25 L	(26-41)	g/L
ALP			44	47	(20-105)	U/L
GGT			14	18	(5-35)	U/L
ALT			16	20	(5-30)	U/L
AST			16	22	(10-35)	U/L
LDH			150	170	(120-250)	U/L
T Bilirubin			14	10	(3-15)	umol/L

Comments on Collection 13-Sep-24 0829 F:
Renal Function
Note: eGFR units are mL/min/1.73m2.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES,
GLUCOSE,PHOSPHATE,Lipids & HDL, CALCIUM(CORR),
MAGNESIUM,FULL BLOOD COUNT

Tests Pending : IRON STUDIES,VITAMIN B12,Thyroid Function Test,VITAMIN D3
Sample Pending :

DZEPAROSKI, NATALIE
27 GAHNIA AVENUE, FIGTREE. 2525
Phone: 0413522536
Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258
Your Reference: Lab Reference: 495527220-C-C205
Laboratory: Southern IML Pathology
Addressee: DR JESSICA S LEE Referred by: DR JESSICA S LEE

Name of Test: SE-Lipids & HDL
Requested: 30/05/2024 Collected: 13/09/2024 Reported: 13/09/2024 13:02

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

				Latest Results		
Date	01-Dec-22	13-Sep-24				
Time F-Fast	0945 F	0829 F				
Lab Id.	488944449	495527220	Reference			Units
Status	Fasting	Fasting				
Cholesterol	4.78	5.98 H	(2.30-5.50)			mmol/L
Triglyceride	0.59	0.54	(0.00-2.00)			mmol/L

HDL	1.76	1.83	(1.00-3.00)	mmol/L
Chol/HDL Ratio	2.7	3.3	(0-4.5)	mmol/L
LDL	2.7	3.9 H	(0.0-3.50)	mmol/L
Non HDLC	3.02	4.15 H	(<4.00)	mmol/L

Comments on Collection 13-Sep-24 0829 F:

Lipids & HDL

NVDPA treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0 mmol/L
HDL-Cholesterol	>=1.00 mmol/L
Fasting Triglycerides	<2.0 mmol/L
non HDL Cholesterol	<2.5 mmol/L

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC. Compared to other lipid parameters, increased non-HDLC is the most significant marker for subclinical atherosclerosis.

(ref: Cardiology Today 2013; 3(2): pp25-27).

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES, GLUCOSE,PHOSPHATE,Lipids & HDL, CALCIUM(CORR), MAGNESIUM,FULL BLOOD COUNT

Tests Pending : IRON STUDIES,VITAMIN B12,Thyroid Function Test,VITAMIN D3

Sample Pending :

DZEPAROSKI, NATALIE

27 GAHNIA AVENUE, FIGTREE. 2525

Phone: 0413522536

Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258

Your Reference: Lab Reference: 495527220-C-C151

Laboratory: Southern IML Pathology

Addressee: DR JESSICA S LEE Referred by: DR JESSICA S LEE

Name of Test: SE-IRON STUDIES

Requested: 30/05/2024 Collected: 13/09/2024 Reported: 13/09/2024 13:32

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

IRON

	Latest Results				
Date	18-May-17	01-Dec-22	13-Sep-24		
Time F-Fast	1200	0945 F	0829 F		
Lab Id.	484134339	488944449	495527220	Reference	Units
Iron	14.8	18.1	14.1	(8.8-27.0)	umol/L
Transferrin	2.1	2.2	2.2	(2.0-3.6)	g/L
Trans Sat	31	36	28	(10-45)	%
Ferritin	130	137	100	(30-160)	ug/L

Ferritin N.B Ferritin range change 28/04/17

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES, GLUCOSE,PHOSPHATE,IRON STUDIES,Lipids & HDL, CALCIUM(CORR),MAGNESIUM,VITAMIN B12, Thyroid Function Test,FULL BLOOD COUNT,VITAMIN D3

Tests Pending : TFT FT4,TF FT4 FT3,FREE T4,HOLOTRANSCOBALAMIN

Sample Pending :

DZEPAROSKI, NATALIE
27 GAHNIA AVENUE, FIGTREE. 2525
Phone: 0413522536
Birthdate: 17/07/1985 **Sex:** F **Medicare Number:** 2599354258
Your Reference: **Lab Reference:** 495527220-C-Z046
Laboratory: Southern IML Pathology
Addressee: DR JESSICA S LEE **Referred by:** DR JESSICA S LEE

Name of Test: SE-VITAMIN D3
Requested: 30/05/2024 **Collected:** 13/09/2024 **Reported:** 13/09/2024 13:32

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

	Latest Results				
Date	20-Feb-14	01-Dec-22	13-Sep-24		
Time F-Fast	0800 F	0945 F	0829 F		
Lab Id.	481769344	488944449	495527220	Reference	Units
Vit D	63	54	38 L	(50-375)	nmol/L

Comments on Collection 13-Sep-24 0829 F:
VITAMIN D3
Vitamin D Status 25-OH Vitamin D nmol/L
Indeterminate 50 - 75
Mild Deficiency 30 - 49
Moderate Deficiency 12.5 - 29
Severe Deficiency <12.5

The results show Vitamin D deficiency.

Repeat testing should be undertaken 2 - 3 months after the commencement of treatment (e.g. supplementation or increased sun exposure).

Over 40% of all people living on the South Coast of NSW presenting for the first time for Vitamin D testing (at the end of winter) show deficiency and on average in any season of the year over 30% are Vitamin D deficient.

Low sun exposure is the main cause of deficiency - living or working indoors, residing in the southern latitudes of Australia, covering up exposed skin and avoiding outdoor activities are contributing factors. Vitamin D deficiency is a major contributing factor to demineralising bone disease such as osteoporosis. As well, recent research shows that it may be associated with other chronic diseases, including certain cancers and autoimmune diseases.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES,
GLUCOSE,PHOSPHATE,IRON STUDIES,Lipids & HDL,
CALCIUM(CORR),MAGNESIUM,VITAMIN B12,
Thyroid Function Test,FULL BLOOD COUNT,VITAMIN D3
Tests Pending : TFT FT4,TF FT4 FT3,FREE T4,HOLOTRANSCOBALAMIN
Sample Pending :

DZEPAROSKI, NATALIE
27 GAHNIA AVENUE, FIGTREE. 2525
Phone: 0413522536
Birthdate: 17/07/1985 **Sex:** F **Medicare Number:** 2599354258
Your Reference: **Lab Reference:** 495527220-C-E031
Laboratory: Southern IML Pathology
Addressee: DR JESSICA S LEE **Referred by:** DR JESSICA S LEE

Name of Test: SE- THYROID FUNCTION
Requested: 30/05/2024 **Collected:** 13/09/2024 **Reported:** 13/09/2024 15:02

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

TFT

				Latest Results		
Date	20-Feb-14	12-May-17	01-Dec-22	13-Sep-24		
Time F-Fast	0800 F	0955	0945 F	0829 F		
Lab Id.	481769344	484067228	488944449	495527220	Reference	Units
TSH	1.7	0.67			(0.40-3.50)	mIU/L
TSH			0.53	0.37 L	(0.40-3.50)	mIU/L
Free T4				11.3	(9.0-19.0)	pmol/L
Free T3				4.3	(2.6-6.0)	pmol/L

Comments on Collection 13-Sep-24 0829 F:

TF3

? History of (treated) thyroid disease. TSH is borderline. Suggest review in one month.

As of 19.07.2021, TFT measurement changed from the Roche to the Abbott Alinity method.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES, GLUCOSE,PHOSPHATE,IRON STUDIES,Lipids & HDL, CALCIUM(CORR),MAGNESIUM,TFT FT4,TF FT4 FT3,FREE T4, VITAMIN B12,Thyroid Function Test,HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,VITAMIN D3

Tests Pending :

Sample Pending :

DZEPAROSKI, NATALIE

27 GAHNIA AVENUE, FIGTREE. 2525

Phone: 0413522536

Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258

Your Reference: Lab Reference: 495527220-C-H246

Laboratory: Southern IML Pathology

Addressee: DR JESSICA S LEE Referred by: DR JESSICA S LEE

Name of Test: SE- Haematinics

Requested: 30/05/2024 Collected: 13/09/2024 Reported: 13/09/2024 15:02

Clinical notes: risk facotrs

Clinical Notes : risk facotrs

Iron/B12/Folate

				Latest Results		
Date	18-May-17	01-Dec-22	13-Sep-24			
Time F-Fast	1200	0945 F	0829 F			
Lab Id.	484134339	488944449	495527220	Reference	Units	
Vitamin B12	251	176 L	175 L	(>177)	pmol/L	
Folate	42.9			(>6.0)	nmol/L	
ACTB12	67	62	53	(>35)	pmol/L	

Vitamin B12 High dose Biotin (5mg/day) may interfere with these tests.

Comments on Collection 13-Sep-24 0829 F:

Vitamin B12

In line with the Medical Benefits Schedule, people with low or equivocal vitamin B12 results (<376 pmol/L) are routinely tested for holotranscobalamin (active B12) to clarify their B12 status. Both tests are Medicare rebateable. Those with vitamin B12 concentrations >375 pmol/L are generally replete.

ACTIVE B12

Active Vitamin B12 (Holo-transcobalamin) is a better marker of Vitamin B12 status. A normal active B12 with a low total B12 in this patient indicates B12 deficiency is unlikely. Consider fasting homocysteine for further clarification if clinically indicated.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES,
GLUCOSE,PHOSPHATE,IRON STUDIES,Lipids & HDL,
CALCIUM(CORR),MAGNESIUM,TFT FT4,TF FT4 FT3,FREE T4,
VITAMIN B12,Thyroid Function Test,HOLOTRANSCOBALAMIN,
FULL BLOOD COUNT,VITAMIN D3

Tests Pending :

Sample Pending :

DZEPAROSKI, NATALIE

27 GAHNIA AVENUE, FIGTREE. 2525

Phone: 0413522536

Birthdate: 17/07/1985 Sex: F Medicare Number: 2599354258

Your Reference: 46CCDBFE9D Lab Reference: 495570067-C-E031

Laboratory: Southern IML Pathology

Addressee: DR EVELIENE GEERLINGS Referred by: DR EVELIENE GEERLINGS

Name of Test: SE- THYROID FUNCTION

Requested: 17/09/2024 Collected: 17/10/2024 Reported: 17/10/2024 19:32

Clinical notes: hyperthyroid - subclinical

Clinical Notes : hyperthyroid - subclinical

TFT

				Latest Results		
Date	12-May-17	01-Dec-22	13-Sep-24	17-Oct-24		
Time F-Fast	0955	0945 F	0829 F	1007		
Lab Id.	484067228	488944449	495527220	495570067	Reference	Units
TSH	0.67				(0.40-3.50)	mIU/L
TSH		0.53	0.37 L	0.76	(0.40-3.50)	mIU/L
Free T4			11.3	11.9	(9.0-19.0)	pmol/L
Free T3			4.3	4.2	(2.6-6.0)	pmol/L
Anti-TPO (Abbott)				<3.0	(<5.6)	IU/mL
Anti-Tg (Abbott)				<3.0	(<4.1)	IU/mL

Thyroid Abs On 19/7/21 Thyroid Ab method changed to Abbott.

Comments on Collection 17-Oct-24 1007:

TF3

Euthyroid levels.

Previously abnormal thyroid function tests noted. Progress testing.

As of 19.07.2021, TFT measurement changed from the Roche to the Abbott
Alinity method.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: TFT FT4,TF FT4 FT3,FREE T4,Thyroid Function Test,THYROID ANTIBODIES

Tests Pending :

Sample Pending :