

Patient Health Summary

Name: Miss Tahni-Jade Chamberlain
Address: 19 Florida Avenue
Corio 3214
D.O.B.: 10/05/1994
Record No.:
Home Phone:
Work Phone:
Mobile Phone: 0439473389

ORBIT MEDICAL NORLANE
29 Princes Highway
Norlane 3214
0352486700

Printed on 16th January 2025

Investigations:

CHAMBERLAIN, TAHNI
19 FLORIDA AVENUE, CORIO. 3214

Phone: 0439473389

Birthdate: 10/05/1994 Sex: F Medicare Number: 35043575641

Your Reference: 00007655 Lab Reference: 25-28143148-MBI-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR MAMIE CHEN Referred by: DR MAMIE CHEN

Copy to:
DR MAMIE CHEN

Name of Test: MULTIPLE BIOCHEM ANALYSIS

Requested: 07/01/2025 Collected: 14/01/2025 Reported: 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date:	14/01/25	29/07/23	21/04/23	
Coll. Time:	09:15	17:56	12:05	
Lab Number:	28143148	79398716	76159460	
Sodium	139	141	142	(135 - 145) mmol/L
Potassium	4.7	4.4	4.0	(3.5 - 5.2) mmol/L
Chloride	105	107	110	(95 - 110) mmol/L
Bicarbonate	26	27	26	(22 - 32) mmol/L
Urea	4.2	4.0	4.1	(3.0 - 7.0) mmol/L
Creatinine	82	73	71	(45 - 90) umol/L
eGFR	83	> 90	> 90	(> 59) mL/min/1.73m2
Calcium	2.34			(2.10 - 2.60) mmol/L
Adj. Ca.	2.35			(2.10 - 2.60) mmol/L
Magnesium	0.80			(0.70 - 1.10) mmol/L
Phosphate	1.03			(0.75 - 1.50) mmol/L
T.Protein	69			(60 - 80) g/L
Albumin	39			(35 - 50) g/L
Globulin	30			(23 - 39) g/L
ALP	* 112			(30 - 110) U/L
Bilirubin	10			(3 - 20) umol/L
GGT	30			(5 - 35) U/L
AST	* 31			(5 - 30) U/L
ALT	* 36			(5 - 35) U/L

28143148 LIVER FUNCTION
Consistent with mild hepatocellular damage.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

CHAMBERLAIN, TAHNI
 19 FLORIDA AVENUE, CORIO. 3214
Phone: 0439473389
Birthdate: 10/05/1994 **Sex:** F **Medicare Number:** 35043575641
Your Reference: 00007655 **Lab Reference:** 25-28143148-HAE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
Copy to:
 DR MAMIE CHEN

Name of Test: HAEMATOLOGY GENERAL
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 14/01/2025 22:11

CLINICAL NOTES: frequent fractures

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date:	14/01/25	27/10/23	03/08/23	(#Refers to current
Coll. Time:	09:15	15:05	12:10	result only)
Lab Number:	#28143148	83963948	79240927	
HAEMOGLOBIN	150	146	139 (115 - 165)	g/L
RBC	4.98	4.86	4.56 (3.80 - 5.50)	x10 12/L
HCT	0.46	0.44	0.42 (0.35 - 0.47)	
MCV	92	90	93 (80 - 99)	fL
MCH	30.1	30.0	30.5 (27.0 - 34.0)	pg
MCHC	327	334	328 (310 - 360)	g/L
RDW	12.9	12.6	12.8 (11.0 - 15.0)	%
WCC	6.3 *	11.1	7.8 (4.0 - 11.0)	x10 9/L
Neutrophils	3.6	6.8	4.1 (2.0 - 8.0)	x10 9/L
Lymphocytes	2.0	2.9	2.6 (1.0 - 4.0)	x10 9/L
Monocytes	0.5	1.0	0.7 (< 1.1)	x10 9/L
Eosinophils	0.3	0.4	0.5 (< 0.7)	x10 9/L
Basophils	0.0	0.0	0.0 (< 0.3)	x10 9/L
PLATELETS	273	277	299 (150 - 450)	x10 9/L

#28143148 : Normal full blood count.

TESTS COMPLETED: FBE,
 INCOMPLETE TESTS: BFO, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

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 19 FLORIDA AVENUE, CORIO. 3214
Phone: 0439473389
Birthdate: 10/05/1994 **Sex:** F **Medicare Number:** 35043575641
Your Reference: 00007655 **Lab Reference:** 25-28143148-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
Copy to:
 DR MAMIE CHEN

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date:	14/01/25	12/01/23	01/08/22	
Time:	09:15	15:33	10:18	
Lab Number:	28143148	75606218	67192699	
Vitamin B12	412	289	363	pmol/L
Active B12		> 146	(> 30)	pmol/L

Folate 26.5 22.1 nmol/L

28143148 Normal B12 and folate results.

RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

CHAMBERLAIN, TAHNI

19 FLORIDA AVENUE, CORIO. 3214

Phone: 0439473389

Birthdate: 10/05/1994 Sex: F Medicare Number: 35043575641

Your Reference: 00007655 Lab Reference: 25-28143148-GLS-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR MAMIE CHEN Referred by: DR MAMIE CHEN

Copy to:
DR MAMIE CHEN

Name of Test: GLUCOSE

Requested: 07/01/2025 Collected: 14/01/2025 Reported: 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
14/01/25	09:15	28143148	Fasting	serum	4.6
06/07/23	10:07	79237121	Fasting	serum	4.6
12/01/23	15:33	75606218	Random	serum	6.1
01/08/22	10:18	67192699	Fasting	serum	5.0

28143148 Normal fasting glucose.

NOTE: HbA1c has been requested.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L

Fasting 3.0 - 5.4 mmol/L

1 Hour post prandial 3.0 - 11.0 mmol/L

2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

CHAMBERLAIN, TAHNI

19 FLORIDA AVENUE, CORIO. 3214

Phone: 0439473389

Birthdate: 10/05/1994 Sex: F Medicare Number: 35043575641

Your Reference: 00007655 Lab Reference: 25-28143148-OHD-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
Copy to:
DR MAMIE CHEN

Name of Test: VITAMIN D
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

VITAMIN D			SPECIMEN: SERUM		
Date	Time	Lab No.	25-hydroxy Vitamin D		
14/01/25	09:15	28143148	62	(50 - 200)	nmol/L
27/10/23	15:05	83963948	*	41	
22/06/23	14:41	79237345	*	48	
24/02/23	11:30	75605516		74	

28143148 Within normal limits.

Interpretation:
Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

CHAMBERLAIN, TAHNI
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Phone: 0439473389
Birthdate: 10/05/1994 **Sex:** F **Medicare Number:** 35043575641
Your Reference: 00007655 **Lab Reference:** 25-28143148-TSH-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
Copy to:
DR MAMIE CHEN

Name of Test: THYROID STIMULATING HORM
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

ENDOCRINOLOGY

THYROID FUNCTION TEST			SPECIMEN: SERUM		
Date:	14/01/25	27/10/23	01/08/23		
Coll. Time:	09:15	15:05	10:30		
Lab Number:	28143148	83963948	79240973		
TSH	0.51	1.23	0.61	(0.40 - 4.00)	mIU/L

28143148 Normal TSH level.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

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Phone: 0439473389
Birthdate: 10/05/1994 **Sex:** F **Medicare Number:** 35043575641
Your Reference: 00007655 **Lab Reference:** 25-28143148-ISM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
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 DR MAMIE CHEN

Name of Test: IRON MASTER
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	14/01/25	27/10/23	03/08/23	
Coll. Time:	09:15	15:05	12:10	
Lab Number:	28143148	83963948	79240927	

Iron	23.0	17.6	*	9.6	(10.0 - 30.0) umol/L
Transferrin	2.51	2.68		2.34	(2.10 - 3.80) g/L
Saturation	37	26		16	(15 - 45) %
Ferritin	116	53		68	(30 - 200) ug/L

28143148 Iron studies are within normal limits.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHG, TSH,

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Phone: 0439473389
Birthdate: 10/05/1994 **Sex:** F **Medicare Number:** 35043575641
Your Reference: 00007655 **Lab Reference:** 25-28143148-LS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR MAMIE CHEN **Referred by:** DR MAMIE CHEN
Copy to:
 DR MAMIE CHEN

Name of Test: LIPID STUDIES
Requested: 07/01/2025 **Collected:** 14/01/2025 **Reported:** 15/01/2025 06:16

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	14/01/25	
Coll. Time:	09:15	
Lab Number:	28143148	

Fasting Status	Fasting		
Total Chol.	4.8	(< 5.6)	mmol/L
HDL Chol.	* 0.8	(> 1.1)	mmol/L
LDL Chol.	* 3.1	(< 3.1)	mmol/L
Non-HDL Chol.	4.0	(< 4.1)	mmol/L
Triglyceride	1.9	(< 2.1)	mmol/L
LDL/HDL Ratio	3.9		
Chol/HDL Ratio	6.0		

28143148 Mild increase in LDL-cholesterol and low HDL- cholesterol.
Interpret in conjunction with other cardiovascular risk factors or
treatment targets.

Recommended targets for high risk patients are

Total cholesterol < 4.0 mmol/L
HDL Cholesterol > 1.0 mmol/L
LDL Cholesterol < 2.5 mmol/L (< 1.8 mmol/L for very high risk)
Non-HDL Cholesterol < 3.3 mmol/L (< 2.5 mmol/L for very high risk)
Fasting triglycerides < 2.0 mmol/L

Lipid ranges and targets are from the AACB Guideline for Harmonised Lipid
Reporting (2018)

Target values need to be individualised based on clinical assessment of
overall risk.

See the AusCVD Risk calculator at www.cvdcheck.org.au

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

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19 FLORIDA AVENUE, CORIO. 3214

Phone: 0439473389

Birthdate: 10/05/1994 Sex: F Medicare Number: 35043575641

Your Reference: 00007655 Lab Reference: 25-28143148-GHB-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR MAMIE CHEN Referred by: DR MAMIE CHEN

Copy to:

DR MAMIE CHEN

Name of Test: GLYCATED HB

Requested: 07/01/2025 Collected: 14/01/2025 Reported: 15/01/2025 07:06

CLINICAL NOTES: frequent fractures

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC		DCCT	
			HbA1c (mmol/mol)		HbA1c (%)	
14/01/25	09:15	28143148	32		5.1	
27/10/23	15:05	83963948	34		5.3	
24/02/23	11:30	75605516	37		5.5	

28143148 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA

DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent
with diabetes. Consider OGTT or repeat HbA1c for confirmation.

HbA1c 6.0 - 6.4% is consistent with prediabetes. Repeat testing annually
is recommended. (ADS position statement 2020)

MONITORING.

The Australian Diabetes Society (ADS) recommends individualised HbA1c
targets depending on the patient's age, comorbidities and any
Hypoglycaemia (ADS position statement 2009).

A general target of less than or equal to 53 mmol/mol (7.0%) is often
used.

Please note that Hb A1c results may be influenced by conditions
affecting red cells or their survival times such as haemoglobinopathies,
anaemias, recent transfusion or blood loss.

HbA1c tested on Roche c513 using Gen. 3 assay.

TESTS COMPLETED: BFO, FBE, IS, LIP, CPM, ECU, LFT, GLS, GHB, OHD, TSH,

