

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-C-SE-VTD
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-VITAMIN D3
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Date	15/10/21		
Time F-Fast	0946 F		
Lab Id.	487513410	Units	Reference
Vit D	39 L	nmol/L	(50-375)

Comments on Collection 15/10/21 0946 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/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
S. FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
ESR, VITAMIN D3

Tests Pending :
Sample Pending :

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-H-ED-ESR
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: ED-ESR
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Date	26/05/20	15/10/21		
Time F-Fast	1524	0946 F		
Lab Id.	486422484	487513410	Units	Reference

ESR	25 H	5	mm/h	(1-15)
-----	------	---	------	--------

Comments on Collection 15/10/21 0946 F:

Please note: The ESR is a non-specific test and is not recommended for general screening. CRP is the most useful acute phase marker and is the preferred test for the diagnosis and monitoring of inflammation / infection.

ESRs are performed on EDTA.

Supervising Pathologist:CV/RR

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
S. FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
ESR, VITAMIN D3

Tests Pending :

Sample Pending :

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-C-SE-INS
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-INSULIN
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Date	15/10/21		
Time F-Fast	0946 F		
Lab Id.	487513410 Units	Reference	
Insulin (Abbott)	9.3 mU/L	(0-20)	

Insulin On 19/7/21 Insulin method changed to Abbott.

Supervising Pathologist:SM/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
S. FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
ESR, VITAMIN D3

Tests Pending :
Sample Pending :

TRAPPMANN, KRISTY
 94 TAIT AVENUE, KANAHOOKA. 2530
 Phone: 61430033227
 Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
 Your Reference: Lab Reference: 487513410-H-ED-HAEMO
 Laboratory: Southern IML Pathology
 Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: ED- Haematology
 Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Haematology

Date	11/02/21	15/03/21	26/06/21	15/10/21		
Time F-Fast	1434	0919	1112	0946 F		
Lab Id.	487003341	487010911	486203130	487513410	Units	Reference
Haemoglobin	118 L	119	128	143	g/L	(119-160)
RCC	4.1	4.1	4.5	4.9	10*12/L	(3.8-5.8)
Haematocrit	0.37	0.37	0.41	0.44		(0.35-0.48)
MCV	90	91	90	91	fL	(80-100)
MCH	29	29	28	30	pg	(27-32)
MCHC	321	322	316	324	g/L	(310-360)
RDW	14	14	13	12		(10-15)
WCC	12.4 H	10.5	8.4	6.9	10*9/L	(4.0-11.0)
Neutrophils	10.0 H	8.4	5.8	4.6	10*9/L	(2.0-7.5)
Lymphocytes	1.6	1.4	2.0	1.6	10*9/L	(1.0-4.0)
Monocytes	0.7	0.5	0.5	0.4	10*9/L	(0-1.0)
Eosinophils	0.2	0.2	0.2	0.2	10*9/L	(0-0.5)
Basophils	<0.1	<0.1	<0.1	<0.1	10*9/L	(0-0.3)
Platelets	227	192	277	295	10*9/L	(150-450)

Supervising Pathologist:CV/RR

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
 GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
 S.FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
 ESR, VITAMIN D3

Tests Pending :
 Sample Pending :

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-C-SE-Haematinics
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-Haematinics
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Iron/B12/Folate

Date	11/02/21	15/03/21	26/06/21	15/10/21		
Time F-Fast	1434	0919	1112	0946 F		
Lab Id.	487003341	487010911	486203130	487513410	Units	Reference
Vitamin B12				300	pmol/L	(>177)
Folate				21.7	nmol/L	(>6.0)
Active B12				111	pmol/L	(>35)

Vitamin B12 High dose Biotin (5mg/day) may interfere with these tests.
FOLATE SERUM Range change 22/09/16

Comments on Collection 15/10/21 0946 F:

Vitamin B12

In line with Medical Benefits Schedule changes from 1st November 2014, people with low or equivocal vitamin B12 results (<350 pmol/L) will be routinely tested for holotranscobalamin (active B12) to clarify their B12 status. Both tests are now Medicare rebateable. Those with vitamin B12 concentrations over 350 pmol/L are generally replete.

FOLATE SERUM

Serum folate is now used as the screen for folate deficiency.

ACTIVE B12

Both active Vitamin B12 (Holo-transcobalamin) and total Vitamin B12 indicate that the patient has normal Vitamin B12 status.

Supervising Pathologist:SM/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
S. FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
ESR, VITAMIN D3

Tests Pending :

Sample Pending :

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-C-SE-LP
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-Lipids & HDL
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Date	24/04/20	15/10/21		
Time F-Fast	0919 F	0946 F		
Lab Id.	486383553	487513410	Units	Reference
Status	Fasting	Fasting		
Cholesterol	5.30	5.52 H	mmol/L	(2.30-5.50)
Triglyceride	1.14	1.04	mmol/L	(0.00-2.00)
HDL	1.50	1.34	mmol/L	(1.00-3.00)
Chol/HDL Ratio	3.5	4.1	mmol/L	(0-4.5)
LDL	3.3	3.7 H	mmol/L	(0.0-3.50)
Non HDLC	3.80	4.18 H	mmol/L	(<4.00)

Comments on Collection 15/10/21 0946 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).

TFT's are recommended in follow-up to exclude secondary causes of hypercholesterolemia (if not recently performed elsewhere).

Supervising Pathologist:SM/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES, GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12, S. FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT, ESR, VITAMIN D3

Tests Pending :

Sample Pending :

TRAPPMANN, KRISTY
 94 TAIT AVENUE, KANAHOOKA. 2530
 Phone: 61430033227
 Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
 Your Reference: Lab Reference: 487513410-C-SE-
 Laboratory: Southern IML Pathology
 Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-ROUTINE BIO
 Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

Routine biochemistry

Date	11/02/21	15/03/21	26/06/21	15/10/21		
Time F-Fast	1434	0919	1112	0946 F		
Lab Id.	487003341	487010911	486203130	487513410	Units	Reference
Fast. Glucose				4.9	mmol/L	(3.6-6.0)
Sodium	136	136	141	140	mmol/L	(135-145)
Potassium	4.2	4.0	4.4	4.5	mmol/L	(3.5-5.5)
Chloride	102	104	104	105	mmol/L	(95-110)
Bicarbonate	19 L	17 L	27	24	mmol/L	(20-32)
Urea	2.4 L	2.7	6.7	3.3	mmol/L	(2.5-7.0)
Creat.	60	48	67	51	umol/L	(45-85)
eGFR(CKD.EPI)	>90	>90	>90	>90	mL/min/1.73m2	(>89)
Total Protein	61 L	59	73	77	g/L	(64-81)
Albumin	27 L	25	41	47 H	g/L	(33-46)
Globulin	34	34	32	30	g/L	(26-41)
ALP	67	77	91	107 H	U/L	(20-105)
GGT	10	10	26	27	U/L	(5-35)
ALT	14	12	19	32 H	U/L	(5-30)
AST	10	10	15	19	U/L	(10-35)
LDH	154	133	192	212	U/L	(120-250)
T Bilirubin	5	4	8	11	umol/L	(3-15)

Comments on Collection 15/10/21 0946 F:

Renal Function

Note: eGFR units are mL/min/1.73m2.

Supervising Pathologist:SM/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
 GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
 S.FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
 ESR, VITAMIN D3

Tests Pending :

Sample Pending :

TRAPPMANN, KRISTY
94 TAIT AVENUE, KANAHOOKA. 2530
Phone: 61430033227
Birthdate: 13/07/1986 Sex: F Medicare Number: 2571069338
Your Reference: Lab Reference: 487513410-C-SE-_IRN
Laboratory: Southern IML Pathology
Addressee: DR ENG LEE Referred by: DR ENG LEE

Name of Test: SE-_IRON STUDIES
Requested: 14/10/2021 Collected: 15/10/2021 Reported: 18/10/2021 11:42

Clinical notes: ph of gestational diabetes low vit d

Clinical Notes : ph of gestational diabetes low vit d

IRON

Date	11/02/21	15/03/21	26/06/21	15/10/21		
Time F-Fast	1434	0919	1112	0946 F		
Lab Id.	487003341	487010911	486203130	487513410	Units	Reference
Iron			13.7	13.0	umol/L	(8.8-27.0)
Transferrin			2.3	2.5	g/L	(2.0-3.6)
Trans Sat			26	23	%	(10-45)
Ferritin	20 L	124	179 H	101	ug/L	(30-160)

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

Supervising Pathologist:SM/LB

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, IRON STUDIES, Lipids & HDL, VITAMIN B12,
S.FOLATE, INSULIN, HOLOTRANSCOBALAMIN, FULL BLOOD COUNT,
ESR, VITAMIN D3

Tests Pending :
Sample Pending :