

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: 48B1A95DD4 Lab Reference: 681677525-E-E405
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S-VITAMIN D
Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
20:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

	Latest Results				
Date	21-May-20	12-Nov-21	06-Jun-23		
Time F-Fast	0911 F	0911 F	0859 F		
Lab Id.	653393313	657157066	681677525	Reference	Units
Hydroxycalciferol	86	78	177 H	(50-150)	nmol/L

Comments on Collection 06-Jun-23 0859 F:
Elevated 25-hydroxyvitamin D levels are caused by excessive supplementation.

This result has been obtained using the Diasorin Liaison automated assay to measure 25-OH vitamin D.

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

EA

Sullivan Nicolaidides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Testosterone, Vitamin D, FBE

Tests Pending : DHEAS

Sample Pending :

STRUWIG, JUANITA
 22 SONATA DRIVE, WARNER. 4500
 Phone: 0431065492
 Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916983
 Your Reference: 48B1A95DD4 Lab Reference: 681677525-C-H245
 Laboratory: SNP
 Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: .ANAEMIA
 Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
 19:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Haematinics

Date	21-May-20	23-Apr-21	12-Nov-21	Latest Results		
Time F-Fast	0911 F	0914 F	0911 F	06-Jun-23		
Lab Id.	653393313	659848913	657157066	681677525	Reference	Units
Iron	18	19	8	15	(5-30)	umol/L
Transferrin	2.5	2.6	2.4	2.0	(1.9-3.1)	g/L
TIBC	62	64	61	50	(47-77)	umol/L
Trans Sat	29	30	13 L	30	(20-45)	%
Ferritin	20 L	17 L	20 L	72	(30-250)	ug/L
Vitamin B12	926		752	1114	(>150)	pmol/L
Folate serum	41				(>7.0)	nmol/L

Comments on Collection 06-Jun-23 0859 F:
 Iron Studies
 Normal Iron Status.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.
 Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Testosterone, FBE
 Tests Pending : DHEAS, Vitamin D
 Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916983
Your Reference: 48B1A95DD4 Lab Reference: 681677525-E-E030
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S- THYROID FUNCTION
Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
19:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Thyroid Function Tests

	Latest Results					
Date	21-May-20	23-Apr-21	12-Nov-21	06-Jun-23		
Time F-Fast	0918 F	0914 F	0911 F	0859 F		
Lab Id.	653393318	659848913	657157066	681677525	Reference	Units
Free T4	15.5	13.1			(9.0-19.0)	pmol/L
Free T3	4.0				(2.6-6.0)	pmol/L
TSH	0.7	0.8	0.9	0.9	(0.3-3.5)	mIU/L

Comments on Collection 06-Jun-23 0859 F:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,
Testosterone, FBE
Tests Pending : DHEAS, Vitamin D
Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: 48B1A95DD4 Lab Reference: 681677525-E-E515
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S- ANDROGENS
Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
19:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Androgens

	Latest Results			
Date	21-May-20	06-Jun-23		
Time F-Fast	0911 F	0859 F		
Lab Id.	653393313	681677525	Reference	Units
Testosterone	1.7	1.8	(<2.2)	nmol/L
SHBG	46		(20.0-110.0)	nmol/L
Calculated FTe	25		(3-37)	pmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,
Testosterone, FBE
Tests Pending : DHEAS, Vitamin D
Sample Pending :

STRUWIG, JUANITA
 22 SONATA DRIVE, WARNER. 4500
 Phone: 0431065492
 Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
 Your Reference: 48B1A95DD4 Lab Reference: 681677525-H-H900
 Laboratory: SNP
 Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: .BLOOD COUNT
 Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
 17:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Haematology

Date	Latest Results				Reference	Units
	21-May-20	23-Apr-21	12-Nov-21	06-Jun-23		
Time F-Fast	0911 F	0914 F	0911 F	0859 F		
Lab Id.	653393313	659848913	657157066	681677525		
Haemoglobin	132	138	134	132	(115-165)	g/L
Haematocrit	0.41	0.42	0.40	0.40	(0.35-0.47)	
RCC	4.6	4.8	4.6	4.5	(3.9-5.6)	10*12/L
MCV	88	88	88	89	(80-100)	fL
WCC	7.5	6.0	6.1	5.3	(3.5-12.0)	10*9/L
Neutrophils	5.58	3.92	4.14	3.45	(1.5-8.0)	10*9/L
Lymphocytes	1.15	1.40	1.38	1.11	(1.0-4.0)	10*9/L
Monocytes	0.54	0.44	0.38	0.49	(0-0.9)	10*9/L
Eosinophils	0.11	0.16	0.14	0.15	(0-0.6)	10*9/L
Basophils	0.07	0.07	0.06	0.08	(0-0.15)	10*9/L
Platelets	379	373	353	380	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: FBE

Tests Pending : HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Testosterone, DHEAS, Vitamin D

Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: 48B1A95DD4 Lab Reference: 681677525-C-C847
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S- LIPID PROFILE
Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
18:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Lipid Profile

Date	Latest Results				Reference	Units
	21-May-20	23-Apr-21	12-Nov-21	06-Jun-23		
Time F-Fast	0911 F	0914 F	0911 F	0859 F		
Lab Id.	653393313	659848913	657157066	681677525		
Cholesterol	4.2	4.6	4.3	4.4	(<5.6)	mmol/L
Triglyceride	0.5 L		0.4	0.7	(<2.1)	mmol/L
HDL	1.73		1.76	1.57	(>1.09)	mmol/L
LDL	2.2		2.4	2.5	(<4.1)	mmol/L
Chol/HDL Ratio	2.4		2.4	2.8	(<4.6)	
Non HDLC			2.54	2.83	(<3.81)	mmol/L

Comments on Collection 06-Jun-23 0859 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (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

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, E/LFT, FBE

Tests Pending : Iron Studies, TSH, Vitamin B12, Testosterone, DHEAS, Vitamin D

Sample Pending :

STRUWIG, JUANITA
 22 SONATA DRIVE, WARNER. 4500
 Phone: 0431065492
 Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
 Your Reference: 48B1A95DD4 Lab Reference: 681677525-C-C140
 Laboratory: SNP
 Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S-ROUTINE CHEMISTRY
 Requested: 01/06/2023 Collected: 06/06/2023 Reported: 06/06/2023
 18:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Chemistry (serum)

Date Time F-Fast Lab Id.	Latest Results				Reference	Units
	21-May-20 0911 F 653393313	23-Apr-21 0914 F 659848913	12-Nov-21 0911 F 657157066	06-Jun-23 0859 F 681677525		
Sodium	137	136	137	136	(135-145)	mmol/L
Potassium	4.3		4.5	4.1	(3.5-5.5)	mmol/L
Potassium (Corr.)		4.2			(3.5-5.5)	mmol/L
Chloride	103	104	105	106	(95-110)	mmol/L
Bicarbonate	25	24	27	23	(20-32)	mmol/L
Anion Gap	9	8	5	7	(<16)	mmol/L
Calcium (Corr.)	2.31	2.35	2.38	2.31	(2.10-2.60)	mmol/L
Phosphate	1.18	1.13	1.03	1.06	(0.80-1.50)	mmol/L
Urea	4.1	4.6	4.8	3.9	(2.5-7.0)	mmol/L
Urate	0.235	0.251	0.252	0.215	(0.150-0.400)	mmol/L
Creatinine	66	65	65	61	(45-85)	umol/L
eGFR	>90	>90	>90	>90	(>59)	
Fast. Glucose	4.8	4.5	4.9	5.0	(3.6-6.0)	mmol/L
Total Protein	72	74	70	68	(64-81)	g/L
Albumin	45	45	44	42	(33-46)	g/L
Globulin	27	29	26	26	(23-43)	g/L
T Bilirubin	13	12	8	8	(<16)	umol/L
ALP	51	51	50	45	(20-105)	U/L
AST	20	:SPU	18	15	(10-35)	U/L
ALT	24	16	16	13	(5-30)	U/L
GGT	19	16	13	18	(5-35)	U/L
LDH	146	:SPU	139	169	(<250)	U/L
Cholesterol	4.2	4.6	4.3	4.4	(<5.6)	mmol/L
Triglyceride	0.5 L		0.4	0.7	(<2.1)	mmol/L
Haemolysis Index	6	69 H	7	6	(<40)	mg/dL

Code Key
 :SPU = Specimen Unsuitable

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, E/LFT, FBE

Tests Pending : Iron Studies,TSH,Vitamin B12,Testosterone,DHEAS,Vitamin D
Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: 48B1A95DD4 Lab Reference: 681677525-E-E345
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR BRANT M BOSCH

Name of Test: S-DHEAS
Requested: 01/06/2023 Collected: 06/06/2023 Reported: 07/06/2023
04:43

Clinical notes: multinodular goiter, cardiovascular risk. Fasting.

Clinical Notes : multinodular goiter, cardiovascular risk.
Fasting.

Dehydro Epiandrosterone Sulphate (DHEAS)

DHEAS 13.8 H (1.6 - 11.1) umol/L

Comments on Collection 681677525

DHEAS is performed by Abbott CMIA.
As of 29/05/23 the SNP Reference Intervals for DHEAS have been amended to align with CALPIER intervals for Children and Abbott Intervals for adults.
DHEAS result checked by repeat assay.

MB

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,
Testosterone, DHEAS, Vitamin D, FBE

Tests Pending :
Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: Lab Reference: 681677526-M-M210
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR KATHERINE M GRAY
Copy to:
DR BRANT BOSCH
DR KATHERINE GRAY

Name of Test: URINE MCS1
Requested: 06/06/2023 Collected: 06/06/2023 Reported: 07/06/2023
04:43

Clinical notes: OAB

Clinical Notes : OAB

Urine - Microscopy/Culture/Sensitivity

Specimen type	Urine
pH	6
Protein	Nil
Glucose	Nil
Leucocytes	<10 (<10) x 10 ⁶ /L
Erythrocytes	<10 (<20) x 10 ⁶ /L
Squam Epi Cells	<10 x 10 ⁶ /L

Culture Culture proceeding

CM

*** The above result is provisional. Finalised report to follow. ***

Sullivan Nicolaidas Pty Ltd. ABN 38 078 202 196. NATA/RCFA Accreditation No 1964

Tests Completed:
Tests Pending : Urine MCS, Non-Gynae Cytology
Sample Pending :

STRUWIG, JUANITA
22 SONATA DRIVE, WARNER. 4500
Phone: 0431065492
Birthdate: 23/09/1978 Sex: F Medicare Number: 4363916883
Your Reference: Lab Reference: 681677526-M-M210
Laboratory: SNP
Addressee: DR BRANT M BOSCH Referred by: DR KATHERINE M GRAY
Copy to:
DR BRANT BOSCH
DR KATHERINE GRAY

Name of Test: URINE MCS1
Requested: 06/06/2023 Collected: 06/06/2023 Reported: 07/06/2023
10:43

Clinical notes: OAB

Clinical Notes : OAB

Urine - Microscopy/Culture/Sensitivity

Specimen type	Urine
pH	6
Protein	Nil
Glucose	Nil
Leucocytes	<10 (<10) x 10 ⁶ /L
Erythrocytes	<10 (<20) x 10 ⁶ /L
Squam Epi Cells	<10 x 10 ⁶ /L

Culture No pathogens isolated

MICROAB

FINAL REPORT - Updated on 07/06/2023 at 10:35

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Urine MCS
Tests Pending : Non-Gynae Cytology
Sample Pending :