

INVESTIGATION RESULTS

As at 9/7/2024.

Patient Details:

Patient Name: Ms Alexandra Mirkovic
Address: 61 George St Cn
BURLEIGH HEADS QLD 4220
Phone - Home: 0402793674
Phone - Work: 0402793674
D.O.B.: 18/10/1992
Record Number:
Medicare Number: 4370 78580 4 / 1
DVA Number:

Allergies/Adverse Reactions: **None recorded.**

Investigation Results:

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-H-H050
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: ESR
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

	Latest Results				
Date	10-Apr-23	23-May-24	01-Jul-24		
Time F-Fast	0836	0848 F	0847 F		
Lab Id.	670535398	526121543	526121990	Reference	Units
ESR	1	1	3	(1-12)	mm/h
HA					

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

Tests Completed: E/LFT,ESR

Tests Pending : Iron Studies,Zinc,TFTH,Vitamin B12,Folate (Serum),
Vitamin B6,LH,FSH,Oestradiol,Progesterone,
Homocysteine,Vitamin D,Histamine,FBE,Film

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry
Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 526121990-C-C140
 Requested: Tuesday, 21 May 2024
 Performed: Monday, 1 July 2024
 Test name: S- ROUTINE CHEMISTRY
 Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Chemistry (serum)

	Latest Results					
Date	20-Feb-24	28-Mar-24	23-May-24	01-Jul-24		
Time F-Fast	0801 F	0926 F	0848 F	0847 F		
Lab Id.	682446457	516967268	526121543	526121990	Reference	Units
Sodium	138	137	138	138	(135-145)	mmol/L
Potassium	3.9	3.8	4.0	4.1	(3.5-5.5)	mmol/L
Chloride	106	103	104	104	(95-110)	mmol/L
Bicarbonate	25	25	26	27	(20-32)	mmol/L
Anion Gap	7	9	8	7	(<16)	mmol/L
Calcium (Corr.)	2.44	2.40	2.35	2.36	(2.10-2.60)	mmol/L
Phosphate	1.32	1.36	1.30	1.36	(0.80-1.50)	mmol/L
Urea	2.9	3.7	4.1	6.0	(2.5-7.0)	mmol/L
Urate	0.266	0.285	0.279	0.239	(0.150-0.400)	mmol/L
Creatinine	59	66	72	69	(45-85)	umol/L
eGFR	>90	>90	>90	>90	(>59)	
Fast. Glucose	4.2	3.8	4.0	3.9	(3.6-6.0)	mmol/L
Total Protein	57 L	68	64	72	(64-81)	g/L
Albumin	29 L	42	40	43	(33-46)	g/L
Globulin	28	26	24	29	(23-43)	g/L
T Bilirubin	13	15	22 H	17 H	(<16)	umol/L
ALP	87	43	48	64	(20-105)	U/L
AST	88 H	26	19	19	(10-35)	U/L
ALT	146 H	21	16	13	(5-30)	U/L
GGT	13	10	8	11	(5-35)	U/L
LDH	230	161	143	149	(<250)	U/L
Cholesterol	4.8	5.6 H	4.9	5.5	(<5.6)	mmol/L
Haemolysis Index	1	3	5	4	(<40)	mg/dL

CA

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

Tests Completed: E/LFT

Tests Pending : Iron Studies,Zinc,TFTH,Vitamin B12,Folate (Serum),
 Vitamin B6,LH,FSH,Oestradiol,Progesterone,
 Homocysteine,Vitamin D,Histamine,FBE,ESR,Film

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
 61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
 Birthdate: 18/10/1992 Age: 31 Y Sex: F  
 Telephone: 0402793674  
 Your Reference : 113283000  
 SNP Reference : 526121990  
 Medicare Number: 4370785804  
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
 Addressee : Dr Corne Mare 233933NW  
 Lab. Reference: 526121990-E-E193  
 Requested: Tuesday, 21 May 2024  
 Performed: Monday, 1 July 2024  
 Test name: VITAMIN B  
 Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

#### Vitamin B1/B2/B6

|             |           |           |           | Latest Results |           |        |
|-------------|-----------|-----------|-----------|----------------|-----------|--------|
| Date        | 16-Jan-24 | 06-Feb-24 | 23-May-24 | 01-Jul-24      |           |        |
| Time F-Fast | 0818 F    | 0835 F    | 0848 F    | 0847 F         |           |        |
| Lab Id.     | 681245592 | 681245827 | 526121543 | 526121990      | Reference | Units  |
| Vitamin B6  | 280 H     | 160       | 220 H     | 200 H          | (20-190)  | nmol/L |

Comments on Collection 01-Jul-24 0847 F:

Elevated vitamin B6 is most likely due to excess consumption. B6 is present in many over the counter preparations (including magnesium supplements) and in energy drinks. B6 > 250 nmol/L is associated with peripheral neuropathy. For patients not consuming excess B6, elevated levels may indicate Hypophosphatasaemia. This condition is rare and patients will have low alkaline phosphatase and high urine phosphoethanolamine.

DC

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

Tests Completed: Iron Studies, Zinc, E/LFT, TFTH, TFT , Vitamin B12, Folate (Serum), Vitamin B6, LH, FSH, Oestradiol, Progesterone, Homocysteine, Active B12, Vitamin D, Histamine, FBE, ESR, Film

Tests Pending :

Sample Pending :

~~~~~

Start Patient : MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-E-H245
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: .ANAEMIA
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Haematinics

				Latest Results		
Date	06-Feb-24	28-Mar-24	23-May-24	01-Jul-24		
Time F-Fast	0835 F	0926 F	0848 F	0847 F		
Lab Id.	681245827	516967268	526121543	526121990	Reference	Units
Iron		18	19	20	(5-30)	umol/L
Transferrin		2.4	2.2	2.5	(1.9-3.1)	g/L
TIBC		61	56	63	(47-77)	umol/L
Trans Sat		30	34	32	(20-45)	%
Ferritin	35	139	98	63	(30-250)	ug/L
Vitamin B12		823	660	663	(>150)	pmol/L
Active B12				>128	(>35)	pmol/L
Folate serum		30	33	30	(>7.0)	nmol/L

Comments on Collection 01-Jul-24 0847 F:

Iron Studies
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (400 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 400 pmol/L are generally considered replete.

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status.
Holotranscobalamin level indicates Vitamin B12 deficiency unlikely.
Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

EA

Report updated on 02/07/2024 at 16:13: Additional Test(s) Reported:
ACTIVE B12

**** UPDATED REPORT - Please discard the previous report for this test / reference number ****

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,TFT ,Vitamin B12,
Folate (Serum),LH,FSH,Oestradiol,Progesterone,
Homocysteine,Active B12,Vitamin D,FBE,ESR,Film
Tests Pending : Vitamin B6,Histamine
Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121990  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121990-C-B099  
Requested: Tuesday, 21 May 2024  
Performed: Monday, 1 July 2024  
Test name: \_ZINC VIRTUAL  
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

| Zinc        |           |           |           |      | Latest Results |                 |
|-------------|-----------|-----------|-----------|------|----------------|-----------------|
| Date        | 06-Feb-24 | 28-Mar-24 | 23-May-24 |      | 01-Jul-24      |                 |
| Time F-Fast | 0835 F    | 0926 F    | 0848 F    |      | 0847 F         |                 |
| Lab Id.     | 681245827 | 516967268 | 526121543 |      | 526121990      | Reference Units |
| Zinc-plasma | 9.5       | 13.0      | 10.1      | 13.4 | (9.0-19.0)     | umol/L          |

CA

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,TFT ,Vitamin B12,  
Folate (Serum),LH,FSH,Oestradiol,Progesterone,  
Homocysteine,Active B12,Vitamin D,FBE,ESR,Film  
Tests Pending : Vitamin B6,Histamine  
Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-E-E030
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: S- THYROID FUNCTION
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Thyroid Function Tests

				Latest Results		
Date	06-Feb-24	28-Mar-24	23-May-24	01-Jul-24		
Time F-Fast	0835 F	0926 F	0848 F	0847 F		
Lab Id.	681245827	516967268	526121543	526121990	Reference	Units
Free T4	11.8	12.5	12.7	12.1	(9.0-19.0)	pmol/L
Free T3				3.9	(3.1-6.0)	pmol/L
TSH	1.1	1.0	0.9	0.8	(0.3-3.5)	mIU/L

Comments on Collection 01-Jul-24 0847 F:

Euthyroid

Please note that the reference intervals for fT4 have recently changed for patients over 70 years of age and pregnant women.

Please contact the laboratory on 3377 8530 if you require further information.

Euthyroid.

Please note that the reference intervals for fT3 and fT4 have recently changed. Please contact the laboratory if you require further information.

EA

Report updated on 02/07/2024 at 16:13: Additional Test(s) Reported:

TFT3H

**** UPDATED REPORT - Please discard the previous report for this test / reference number ****

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,TFT ,Vitamin B12,
Folate (Serum),LH,FSH,Oestradiol,Progesterone,
Homocysteine,Active B12,Vitamin D,FBE,ESR,Film

Tests Pending : Vitamin B6,Histamine

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-H-H900
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024

Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Haematology

Date	Latest Results				Reference	Units
	20-Feb-24	28-Mar-24	23-May-24	01-Jul-24		
Time F-Fast	0801 F	0926 F	0848 F	0847 F		
Lab Id.	682446457	516967268	526121543	526121990		
Haemoglobin	121	131	118	134	(115-165)	g/L
Haematocrit	0.36	0.41	0.36	0.42	(0.35-0.47)	
RCC	3.8 L	4.3	3.9	4.5	(3.9-5.6)	10*12/L
MCV	95	93	94	94	(80-100)	fL
WCC	7.5	4.8	4.5	4.5	(3.5-12.0)	10*9/L
Neutrophils	5.81	2.45	2.49	2.30	(1.5-8.0)	10*9/L
Lymphocytes	1.25	1.91	1.64	1.88	(1.0-4.0)	10*9/L
Monocytes	0.37	0.36	0.35	0.32	(0-0.9)	10*9/L
Eosinophils	0.06	0.06	0.02	0.02	(0-0.6)	10*9/L
Basophils	0.02	0.02	0.02	0.02	(0-0.15)	10*9/L
Platelets	165	219	218	221	(150-400)	10*9/L

Comments on Collection 01-Jul-24 0847 F:
Blood film is unremarkable.

ML

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),
LH,FSH,Oestradiol,Progesterone,Homocysteine,
Vitamin D,FBE,ESR,Film

Tests Pending : Zinc,Vitamin B6,Histamine
Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-E-E755
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: HISTAMINE WB
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Date	Latest Results				Reference	Units
	23-Nov-23	02-Jan-24	23-May-24	01-Jul-24		
Time F-Fast	0841	0728 F	0848 F	0847 F		
Lab Id.	681245239	685093858	526121543	526121990		
B-Histamine	<0.1 L	<0.1 L	0.5	0.4	(0.2-2.0)	umol/L
HA						

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,TFT ,Vitamin B12,
Folate (Serum),LH,FSH,Oestradiol,Progesterone,
Homocysteine,Active B12,Vitamin D,Histamine,FBE,ESR,Film
Tests Pending : Vitamin B6
Sample Pending :
~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121990  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry  
  
Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121990-C-H245  
Requested: Tuesday, 21 May 2024  
Performed: Monday, 1 July 2024  
Test name: .ANAEMIA  
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

#### Haematinics

|              |           |           |           | Latest Results |           |        |
|--------------|-----------|-----------|-----------|----------------|-----------|--------|
| Date         | 06-Feb-24 | 28-Mar-24 | 23-May-24 | 01-Jul-24      |           |        |
| Time F-Fast  | 0835 F    | 0926 F    | 0848 F    | 0847 F         |           |        |
| Lab Id.      | 681245827 | 516967268 | 526121543 | 526121990      | Reference | Units  |
| Iron         |           | 18        | 19        | 20             | (5-30)    | umol/L |
| Transferrin  |           | 2.4       | 2.2       | 2.5            | (1.9-3.1) | g/L    |
| TIBC         |           | 61        | 56        | 63             | (47-77)   | umol/L |
| Trans Sat    |           | 30        | 34        | 32             | (20-45)   | %      |
| Ferritin     | 35        | 139       | 98        | 63             | (30-250)  | ug/L   |
| Vitamin B12  |           | 823       | 660       | 663            | (>150)    | pmol/L |
| Folate serum |           | 30        | 33        | 30             | (>7.0)    | nmol/L |

Comments on Collection 01-Jul-24 0847 F:  
Iron Studies  
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (400 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 400 pmol/L are generally considered replete.

EA

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),  
LH,FSH,Oestradiol,Progesterone,Homocysteine,  
Vitamin D,ESR  
Tests Pending : Zinc,Vitamin B6,Histamine,FBE,Film  
Sample Pending :  
~~~~~

Patient name: MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL
BURLEIGH HEADS, 4220
Date of birth: 18/10/1992
Gender: F

Medicare No.: 4370785804
Lab. Reference: 526121990-V-V109
Requested By: DR CORNE MARE

Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: HOMOCYSTEINE
Provider name: SNP

Start Patient : MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Results: (07) 3377 8555
General: (07) 3377 8666

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare
233933NW
Lab. Reference: 526121990-V-V109

HOMOCYSTEINE
Lab. Reference: 526121990-V-V109
Requested: 21/05/2024
Complete: Final
Collected: 01/07/2024
SNP

Clinical Notes : Telehealth General pathology BULKBILL

SS

PDF Image Enhanced Report

A PDF version of this report with images is available until 02-07-2025. Copy and paste the URL below into your web browser and use PIN 0642 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=8CEAD08C-87F9-431F-95BA-9F75C7CDF280&hostCode=SNP&shareType=1>

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

Tests Completed: Iron Studies, E/LFT, TFT, Vitamin B12, Folate (Serum),
LH, FSH, Oestradiol, Progesterone, Homocysteine,
Vitamin D, ESR

Tests Pending : Zinc, Vitamin B6, Histamine, FBE, Film
Sample Pending :

Start Patient : MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07) 3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-E-E199
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: S- FERTILITY HORMONES
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

Reproductive Hormones

			Latest Results
Date	22-Aug-23	23-May-24	01-Jul-24
Time F-Fast	0837 F	0848 F	0847 F

Lab Id.	685085268	526121543	526121990	Reference	Units
FSH		6	8		IU/L
LH		2	3		IU/L
Oestradiol		<50	<50		pmol/L
Progesterone		<0.5	<0.5		nmol/L
Prog (pregnant)	93				nmol/L
Wks pregnant	12 w 6 d				

Reference	FSH	LH	Oestradiol	Progesterone
Limits	IU/L	IU/L	pmol/L	nmol/L
Follicular	2 - 10	2 - 7	110 - 180	<0.5 - 2.5
Mid-Cycle	7 - 24	9 - 74	550 - 1650	2.5 - 12.0
Luteal	1 - 10	1 - 9	180 - 840	12.0 - 90.0
Menopausal	20 - 140	10 - 65	<200	<2.2
OCF	<5	<9	<80	<1.5

EA

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

Tests Completed: Iron Studies, E/LFT, TFTH, Vitamin B12, Folate (Serum),
LH, FSH, Oestradiol, Progesterone, Homocysteine,
Vitamin D, ESR

Tests Pending : Zinc, Vitamin B6, Histamine, FBE, Film

Sample Pending :

~~~~~

Start Patient : MIRKOVIC, ALEXANDRA  
61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121990  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07) 3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121990-E-E030  
Requested: Tuesday, 21 May 2024  
Performed: Monday, 1 July 2024  
Test name: S- THYROID FUNCTION  
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

#### Thyroid Function Tests

|                    |           |           |           |                       |            |        |
|--------------------|-----------|-----------|-----------|-----------------------|------------|--------|
|                    |           |           |           | <b>Latest Results</b> |            |        |
| <b>Date</b>        | 06-Feb-24 | 28-Mar-24 | 23-May-24 | <b>01-Jul-24</b>      |            |        |
| <b>Time F-Fast</b> | 0835 F    | 0926 F    | 0848 F    | <b>0847 F</b>         |            |        |
| <b>Lab Id.</b>     | 681245827 | 516967268 | 526121543 | <b>526121990</b>      | Reference  | Units  |
| Free T4            | 11.8      | 12.5      | 12.7      | 12.1                  | (9.0-19.0) | pmol/L |
| TSH                | 1.1       | 1.0       | 0.9       | 0.8                   | (0.3-3.5)  | mIU/L  |

Comments on Collection 01-Jul-24 0847 F:

Euthyroid

Please note that the reference intervals for fT4 have recently changed for patients over 70 years of age and pregnant women.

Please contact the laboratory on 3377 8530 if you require further information.

EA

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

Tests Completed: Iron Studies, E/LFT, TFTH, Vitamin B12, Folate (Serum),  
LH, FSH, Oestradiol, Progesterone, Homocysteine,  
Vitamin D, ESR

Tests Pending : Zinc, Vitamin B6, Histamine, FBE, Film

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121990
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121990-E-E310
Requested: Tuesday, 21 May 2024
Performed: Monday, 1 July 2024
Test name: S-HOMOCYSTEINE
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

	Latest Results					
Date	22-May-23	02-Jan-24	23-May-24	01-Jul-24		
Time F-Fast	0902 F	0728 F	0848 F	0847 F		
Lab Id.	681241226	685093858	526121543	526121990	Reference	Units
Homocysteine	4.8	3.4	7.7	7.4	(<15)	umol/L

Comments on Collection 01-Jul-24 0847 F:
Serum homocysteine levels are markedly elevated (50 - 500 umol/L) in homocystinuria which is associated with childhood onset of ocular lens displacement, skeletal abnormalities and arterial and venous thromboses. Moderate elevations of serum homocysteine (16 - 100 umol/L) are seen in folic acid, vitamin B12 and pyridoxine deficiencies, several genetic defects, and renal failure. Elevated levels of serum homocysteine are associated with increased risk of atherosclerosis and venous thromboembolism.

EA

PDF Image Enhanced Report

A PDF version of this report with images is available until 02-07-2025. Copy and paste the URL below into your web browser and use PIN 1879 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=229FFB9E-E7EC-4710-8C0F-C2C101A3E474&hoStCode=SNP&shareType=1>

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),
LH,FSH,Oestradiol,Progesterone,Homocysteine,
Vitamin D,ESR

Tests Pending : Zinc,Vitamin B6,Histamine,FBE,Film

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121990  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121990-E-E405  
Requested: Tuesday, 21 May 2024  
Performed: Monday, 1 July 2024  
Test name: S-VITAMIN D  
Provider name: SNP

Clinical Notes : Telehealth General pathology BULKBILL

|                   | Latest Results |           |           |           |           |        |
|-------------------|----------------|-----------|-----------|-----------|-----------|--------|
| Date              | 09-Nov-23      | 28-Mar-24 | 23-May-24 | 01-Jul-24 |           |        |
| Time F-Fast       | 0715 F         | 0926 F    | 0848 F    | 0847 F    |           |        |
| Lab Id.           | 681487757      | 516967268 | 526121543 | 526121990 | Reference | Units  |
| Hydroxycalciferol | 154 H          | 186 H     | 135       | 123       | (50-150)  | nmol/L |

Comments on Collection 01-Jul-24 0847 F:

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),  
LH,FSH,Oestradiol,Progesterone,Homocysteine,  
Vitamin D,ESR

Tests Pending : Zinc,Vitamin B6,Histamine,FBE,Film

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121543  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121543-E-E199  
Requested: Tuesday, 21 May 2024  
Performed: Thursday, 23 May 2024  
Test name: S- FERTILITY HORMONES  
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

#### Reproductive Hormones

|                 | Latest Results |           |           |        |
|-----------------|----------------|-----------|-----------|--------|
| Date            | 22-Aug-23      | 23-May-24 |           |        |
| Time F-Fast     | 0837 F         | 0848 F    |           |        |
| Lab Id.         | 685085268      | 526121543 | Reference | Units  |
| FSH             |                | 6         |           | IU/L   |
| LH              |                | 2         |           | IU/L   |
| Oestradiol      |                | <50       |           | pmol/L |
| Progesterone    |                | <0.5      |           | nmol/L |
| Prog (pregnant) | 93             |           |           | nmol/L |
| Wks pregnant    | 12 w 6 d       |           |           |        |

| Reference Limits | FSH<br>IU/L | LH<br>IU/L | Oestradiol<br>pmol/L | Progesterone<br>nmol/L |
|------------------|-------------|------------|----------------------|------------------------|
| Follicular       | 2 - 10      | 2 - 7      | 110 - 180            | <0.5 - 2.5             |
| Mid-Cycle        | 7 - 24      | 9 - 74     | 550 - 1650           | 2.5 - 12.0             |
| Luteal           | 1 - 10      | 1 - 9      | 180 - 840            | 12.0 - 90.0            |
| Menopausal       | 20 - 140    | 10 - 65    | <200                 | <2.2                   |
| OCP              | <5          | <9         | <80                  | <1.5                   |

EA

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

Tests Completed: Iron Studies, E/LFT, TFTH, Vitamin B12, Folate (Serum),  
LH, FSH, Oestradiol, Progesterone, Homocysteine,  
Vitamin D, FBE, ESR, Film

Tests Pending : Zinc, Vitamin B6, Histamine

Sample Pending :

~~~~~

Start Patient : MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674

Your Reference : 113283000

SNP Reference : 526121543

Medicare Number: 4370785804

Phone Enquiries: Drs Daley, Kanowski, Price (07) 3377 8666 Biochemistry

Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW

Lab. Reference: 526121543-C-H245

Requested: Tuesday, 21 May 2024

Performed: Thursday, 23 May 2024

Test name: .ANAEMIA

Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

Haematinics

	Latest Results				
Date	02-Jan-24	06-Feb-24	28-Mar-24	23-May-24	
Time F-Fast	0728 F	0835 F	0926 F	0848 F	
Lab Id.	685093858	681245827	516967268	526121543	Reference Units
Iron	25		18	19	(5-30) umol/L
Transferrin	3.1		2.4	2.2	(1.9-3.1) g/L
TIBC	78 H		61	56	(47-77) umol/L
Trans Sat	32		30	34	(20-45) %
Ferritin	33	35	139	98	(30-250) ug/L
Vitamin B12	757		823	660	(>150) pmol/L
Folate serum	34		30	33	(>7.0) nmol/L

Comments on Collection 23-May-24 0848 F:

Iron Studies

Normal Iron Status.

All patients with low or equivocal vitamin B12 results (400 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 400 pmol/L are generally considered replete.

EA

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

Tests Completed: Iron Studies, E/LFT, TFTH, Vitamin B12, Folate (Serum),
LH, Oestradiol, Progesterone, Homocysteine, Vitamin D,
FBE, ESR, Film

Tests Pending : Zinc, Vitamin B6, FSH, Histamine

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-H-H900
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

Haematology

Date	Latest Results				Reference	Units
	18-Feb-24	20-Feb-24	28-Mar-24	23-May-24		
Time F-Fast	0555	0801 F	0926 F	0848 F		
Lab Id.	682446420	682446457	516967268	526121543		
Haemoglobin	125	121	131	118	(115-165)	g/L
Haematocrit	0.36	0.36	0.41	0.36	(0.35-0.47)	
RCC	4.0	3.8 L	4.3	3.9	(3.9-5.6)	10*12/L
MCV	90	95	93	94	(80-100)	fL
WCC	14.5 H	7.5	4.8	4.5	(3.5-12.0)	10*9/L
Neutrophils	11.51 H	5.81	2.45	2.49	(1.5-8.0)	10*9/L
Lymphocytes	1.82	1.25	1.91	1.64	(1.0-4.0)	10*9/L
Monocytes	1.15 H	0.37	0.36	0.35	(0-0.9)	10*9/L
Eosinophils	0.01	0.06	0.06	0.02	(0-0.6)	10*9/L
Basophils	0.03	0.02	0.02	0.02	(0-0.15)	10*9/L
Platelets	131 L	165	219	218	(150-400)	10*9/L

Comments on Collection 23-May-24 0848 F:
Blood film has been reviewed.

RB

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),
LH,Oestradiol,Progesterone,Homocysteine,Vitamin D,
FBE,ESR,Film

Tests Pending : Zinc,Vitamin B6,FSH,Histamine

Sample Pending :

Patient name: MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL
BURLEIGH HEADS, 4220
Date of birth: 18/10/1992
Gender: F

Medicare No.: 4370785804
Lab. Reference: 526121543-V-V109
Requested By: DR CORNE MARE
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: HOMOCYSTEINE
Provider name: SNP

Start Patient : MIRKOVIC, ALEXANDRA
 61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
 Birthdate: 18/10/1992 Age: 31 Y Sex: F
 Telephone: 0402793674
 Your Reference : 113283000
 SNP Reference : 526121543
 Medicare Number: 4370785804
 Phone Enquiries: Results: (07) 3377 8555
 General: (07) 3377 8666
 Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare
 233933NW
 Lab. Reference: 526121543-V-V109

HOMOCYSTEINE

Lab. Reference: 526121543-V-V109
 Requested: 21/05/2024
 Complete: Final
 Collected: 23/05/2024
 SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

SS

PDF Image Enhanced Report

A PDF version of this report with images is available until 23-05-2025. Copy and paste the URL below into your web browser and use PIN 3316 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=53B960C4-3A30-4A5F-98BA-0B2F7B74BB76&hostCode=SNP&shareType=1>

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

Tests Completed: Iron Studies, E/LFT, TFTH, Vitamin B12, Folate (Serum),
 LH, Oestradiol, Progesterone, Homocysteine, Vitamin D,
 FBE, ESR, Film

Tests Pending : Zinc, Vitamin B6, FSH, Histamine
 Sample Pending :

Start Patient : MIRKOVIC, ALEXANDRA
 61 GEORGE ST CENTRAL, BURLEIGH HEADS 4220
 Birthdate: 18/10/1992 Age: 31 Y Sex: F
 Telephone: 0402793674
 Your Reference : 113283000
 SNP Reference : 526121543
 Medicare Number: 4370785804
 Phone Enquiries: Drs Daley, Kanowski, Price (07) 3377 8666 Biochemistry
 Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 526121543-E-E030
 Requested: Tuesday, 21 May 2024
 Performed: Thursday, 23 May 2024
 Test name: S- THYROID FUNCTION
 Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

Thyroid Function Tests

Date	Latest Results				Reference	Units
	02-Jan-24	06-Feb-24	28-Mar-24	23-May-24		
Time F-Fast	0728 F	0835 F	0926 F	0848 F		
Lab Id.	685093858	681245827	516967268	526121543		
Free T4	10.4	11.8	12.5	12.7	(9.0-19.0)	pmol/L
TSH	0.9	1.1	1.0	0.9	(0.3-3.5)	mIU/L

Comments on Collection 23-May-24 0848 F:

Euthyroid

Please note that the reference intervals for fT4 have recently changed for patients over 70 years of age and pregnant women.

Please contact the laboratory on 3377 8530 if you require further information.

EA

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),
LH,Oestradiol,Progesterone,Homocysteine,Vitamin D,
FBE,ESR,Film

Tests Pending : Zinc,Vitamin B6,FSH,Histamine

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121543  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121543-E-E310  
Requested: Tuesday, 21 May 2024  
Performed: Thursday, 23 May 2024  
Test name: S-HOMOCYSTEINE  
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

|              | Latest Results |           |           |           |           |        |
|--------------|----------------|-----------|-----------|-----------|-----------|--------|
| Date         | 08-May-23      | 22-May-23 | 02-Jan-24 | 23-May-24 |           |        |
| Time F-Fast  | 0938 F         | 0902 F    | 0728 F    | 0848 F    |           |        |
| Lab Id.      | 681241069      | 681241226 | 685093858 | 526121543 | Reference | Units  |
| Homocysteine | 5.0            | 4.8       | 3.4       | 7.7       | (<15)     | umol/L |

Comments on Collection 23-May-24 0848 F:

Serum homocysteine levels are markedly elevated (50 - 500 umol/L) in homocystinuria which is associated with childhood onset of ocular lens displacement, skeletal abnormalities and arterial and venous thromboses. Moderate elevations of serum homocysteine (16 - 100 umol/L) are seen in folic acid, vitamin B12 and pyridoxine deficiencies, several genetic defects, and renal failure. Elevated levels of serum homocysteine are associated with increased risk of atherosclerosis and venous thromboembolism.

EA

#### PDF Image Enhanced Report

A PDF version of this report with images is available until 23-05-2025. Copy and paste the URL below into your web browser and use PIN 4881 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=9D6096DD-519D-4411-A743-A76BBDA9A645&hostCode=SNP&shareType=1>

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),  
LH,Oestradiol,Progesterone,Homocysteine,Vitamin D,  
FBE,ESR,Film

Tests Pending : Zinc,Vitamin B6,FSH,Histamine

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-E-E405
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: S-VITAMIN D
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

	Latest Results					
Date	16-Mar-23	09-Nov-23	28-Mar-24	23-May-24		
Time F-Fast	0834	0715 F	0926 F	0848 F		
Lab Id.	672236661	681487757	516967268	526121543	Reference	Units
Hydroxycalciferol	115	154 H	186 H	135	(50-150)	nmol/L

Comments on Collection 23-May-24 0848 F:

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

Tests Completed: Iron Studies,E/LFT,TFTH,Vitamin B12,Folate (Serum),
LH,Oestradiol,Progesterone,Homocysteine,Vitamin D,
FBE,ESR,Film

Tests Pending : Zinc,Vitamin B6,FSH,Histamine
Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 31 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 526121543  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 526121543-C-C140  
Requested: Tuesday, 21 May 2024  
Performed: Thursday, 23 May 2024  
Test name: S-ROUTINE CHEMISTRY  
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

**Chemistry (serum)**

| Date             | Latest Results |           |           |           | Reference     | Units  |
|------------------|----------------|-----------|-----------|-----------|---------------|--------|
|                  | 18-Feb-24      | 20-Feb-24 | 28-Mar-24 | 23-May-24 |               |        |
| Time F-Fast      | 0555           | 0801 F    | 0926 F    | 0848 F    |               |        |
| Lab Id.          | 682446420      | 682446457 | 516967268 | 526121543 |               |        |
| Sodium           | 135            | 138       | 137       | 138       | (135-145)     | mmol/L |
| Potassium        | 4.0            | 3.9       | 3.8       | 4.0       | (3.5-5.5)     | mmol/L |
| Chloride         | 104            | 106       | 103       | 104       | (95-110)      | mmol/L |
| Bicarbonate      | 23             | 25        | 25        | 26        | (20-32)       | mmol/L |
| Anion Gap        | 8              | 7         | 9         | 8         | (<16)         | mmol/L |
| Calcium (Corr.)  | 2.50           | 2.44      | 2.40      | 2.35      | (2.10-2.60)   | mmol/L |
| Phosphate        | 1.44           | 1.32      | 1.36      | 1.30      | (0.80-1.50)   | mmol/L |
| Urea             | 4.1            | 2.9       | 3.7       | 4.1       | (2.5-7.0)     | mmol/L |
| Urate            | 0.287          | 0.266     | 0.285     | 0.279     | (0.150-0.400) | mmol/L |
| Creatinine       | 60             | 59        | 66        | 72        | (45-85)       | umol/L |
| eGFR             | >90            | >90       | >90       | >90       | (>59)         |        |
| Fast. Glucose    |                | 4.2       | 3.8       | 4.0       | (3.6-6.0)     | mmol/L |
| Random Glucose   | 3.9            |           |           |           | (3.6-7.7)     | mmol/L |
| Total Protein    | 52 L           | 57 L      | 68        | 64        | (64-81)       | g/L    |
| Albumin          | 27 L           | 29 L      | 42        | 40        | (33-46)       | g/L    |
| Globulin         | 25             | 28        | 26        | 24        | (23-43)       | g/L    |
| T Bilirubin      | 21 H           | 13        | 15        | 22 H      | (<16)         | umol/L |
| ALP              | 106 H          | 87        | 43        | 48        | (20-105)      | U/L    |
| AST              | 101 H          | 88 H      | 26        | 19        | (10-35)       | U/L    |
| ALT              | 138 H          | 146 H     | 21        | 16        | (5-30)        | U/L    |
| GGT              | 13             | 13        | 10        | 8         | (5-35)        | U/L    |
| LDH              | 335 H          | 230       | 161       | 143       | (<250)        | U/L    |
| Cholesterol      | 4.7            | 4.8       | 5.6 H     | 4.9       | (<5.6)        | mmol/L |
| Haemolysis Index | 7              | 1         | 3         | 5         | (<40)         | mg/dL  |

CA

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

Tests Completed: E/LFT,ESR

Tests Pending : Iron Studies,Zinc,TFTH,Vitamin B12,Folate (Serum),  
Vitamin B6,LH,FSH,Oestradiol,Progesterone,  
Homocysteine,Vitamin D,Histamine,FBE,Film

Sample Pending :

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-H-H050
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: ESR
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

Date	Latest Results	
	10-Apr-23	23-May-24

Time F-Fast 0836 **0848 F**
Lab Id. 670535398 **526121543** Reference Units
ESR 1 1 (1-12) mm/h

HA

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

Tests Completed: ESR

Tests Pending : Iron Studies,Zinc,E/LFT,TFTH,Vitamin B12,
Folate (Serum),Vitamin B6,LH,FSH,Oestradiol,
Progesterone,Homocysteine,Vitamin D,Histamine,FBE,Film

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-E-E193
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: VITAMIN B
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

Vitamin B1/B2/B6

	Latest Results				
Date	09-Jan-24	16-Jan-24	06-Feb-24	23-May-24	
Time F-Fast	0755	0818 F	0835 F	0848 F	
Lab Id.	682445952	681245592	681245827	526121543	Reference Units
Vitamin B6	300 H	280 H	160	220 H	(20-190) nmol/L

Comments on Collection 23-May-24 0848 F:
Elevated vitamin B6 is most likely due to excess consumption. B6 is present in many over the counter preparations (including magnesium supplements) and in energy drinks. B6 > 250 nmol/L is associated with peripheral neuropathy. For patients not consuming excess B6, elevated levels may indicate Hypophosphatasaemia. This condition is rare and patients will have low alkaline phosphatase and high urine phosphoethanolamine.

DC

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,Vitamin B12,
Folate (Serum),Vitamin B6,LH,FSH,Oestradiol,
Progesterone,Homocysteine,Vitamin D,Histamine,FBE,
ESR,Film

Tests Pending :

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543

Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-E-E755
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: HISTAMINE WB
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

	Latest Results					
Date	10-Apr-23	23-Nov-23	02-Jan-24	*23-May-24		
Time F-Fast	0836	0841	0728 F	0848 F		
Lab Id.	670535398	681245239	685093858	526121543	Reference	Units
B-Histamine	0.6	<0.1 L	<0.1 L	0.5	(0.2-2.0)	umol/L

* Please note Histamine collection date: 23/05/2024 08:48

VK

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,Vitamin B12,
Folate (Serum),LH,FSH,Oestradiol,Progesterone,
Homocysteine,Vitamin D,Histamine,FBE,ESR,Film

Tests Pending : Vitamin B6

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 31 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 526121543
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 526121543-C-B099
Requested: Tuesday, 21 May 2024
Performed: Thursday, 23 May 2024
Test name: _ZINC VIRTUAL
Provider name: SNP

Clinical Notes : Telehealth General pathology screen BULKBILL

	Latest Results					
Date	09-Jan-24	06-Feb-24	28-Mar-24	23-May-24		
Time F-Fast	0755	0835 F	0926 F	0848 F		
Lab Id.	682445952	681245827	516967268	526121543	Reference	Units
Zinc-plasma	10.2	9.5	13.0	10.1	(9.0-19.0)	umol/L

CA

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

Tests Completed: Iron Studies,Zinc,E/LFT,TFTH,Vitamin B12,
Folate (Serum),LH,FSH,Oestradiol,Progesterone,
Homocysteine,Vitamin D,FBE,ESR,Film

Tests Pending : Vitamin B6,Histamine

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA
 61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220
 Birthdate: 18/10/1992 Age: 30 Y Sex: F
 Telephone: 0402793674
 Your Reference : 113283000
 SNP Reference : 672236973
 Medicare Number: 4370785804
 Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 672236973-H-H900
 Requested: Saturday, 8 April 2023
 Performed: Monday, 17 April 2023
 Test name: .BLOOD COUNT
 Provider name: SNP

Clinical Notes : Telehealth Follow-up 2 weeks

Haematology

Date Time Lab Id.	Latest Results			Reference	Units
	27-Mar-23 1129 671418552	10-Apr-23 0836 670535398	17-Apr-23 0843 672236973		
Haemoglobin	126	132	124	(115-165)	g/L
Haematocrit	0.39	0.42	0.38	(0.35-0.47)	
RCC	4.2	4.3	4.0	(3.9-5.6)	10*12/L
MCV	94	97	94	(80-100)	fL
WCC	5.8	4.3	4.3	(3.5-12.0)	10*9/L
Neutrophils	3.49	2.28	2.20	(1.5-8.0)	10*9/L
Lymphocytes	1.79	1.63	1.66	(1.0-4.0)	10*9/L
Monocytes	0.49	0.30	0.36	(0-0.9)	10*9/L
Eosinophils	0.04	0.03	0.03	(0-0.6)	10*9/L
Basophils	0.02	0.03	0.02	(0-0.15)	10*9/L
Platelets	238	240	224	(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 : hCG (Abbott),Homocysteine
 Sample Pending :

Patient name: MIRKOVIC, ALEXANDRA
 61 GEORGE STREET CENTRAL
 BURLEIGH HEADS, 4220
 Date of birth: 18/10/1992
 Gender: F

Medicare No.: 4370785804
 Lab. Reference: 672236973-V-V109
 Requested By: DR CORNE MARE
 Requested: Saturday, 8 April 2023
 Performed: Monday, 17 April 2023
 Test name: HOMOCYSTEINE
 Provider name: SNP

HOMOCYSTEINE

Start Patient : MIRKOVIC,ALEXANDRA
 61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220
 Birthdate: 18/10/1992 Age: 30 Y Sex: F

Lab. Reference: 672236973-V-V109
Requested: 08/04/2023
Complete: Final
Collected: 17/04/2023

Telephone: 0402793674 **SNP**
Your Reference : 113283000
SNP Reference : 672236973
Medicare Number: 4370785804
Phone Enquiries: Results: (07)3377
8555 General: (07)3377 8666

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare
233933NW
Lab. Reference: 672236973-V-V109

Clinical Notes : Telehealth Follow-up 2 weeks

SS

PDF Image Enhanced Report

A PDF version of this report with images is available until 17-04-2024. Copy and paste the URL below into your web browser and use PIN 3428 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=E76FFA8C-B3B6-48EC-B58F-089418037D2B&hostCode=SNP&shareType=1>

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

Tests Completed: hCG (Abbott), Homocysteine, FBE
Tests Pending :
Sample Pending :

~~~~~

Start Patient : MIRKOVIC, ALEXANDRA  
61 GEORGE STREET CENTRAL, BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 672236973  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry  
  
Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 672236973-E-E227  
Requested: Saturday, 8 April 2023  
Performed: Monday, 17 April 2023  
Test name: S- HCG  
Provider name: SNP

Clinical Notes : Telehealth Follow-up 2 weeks

**HCG**

|                | <b>Latest Results</b> |                  |                 |
|----------------|-----------------------|------------------|-----------------|
| <b>Date</b>    | 10-Apr-23             | <b>17-Apr-23</b> |                 |
| <b>Time</b>    | 0836                  | <b>0843</b>      |                 |
| <b>Lab Id.</b> | 670535398             | <b>672236973</b> | Reference Units |
| hCG (Abbott)   | 9                     | 4                | IU/L            |

Comments on Collection 17-Apr-23 0843:

| <b>Pregnant - weeks after LMP</b> | <b>Reference Ranges</b> |
|-----------------------------------|-------------------------|
| 4                                 | 20 - 950                |
| 5                                 | 50 - 15000              |
| 6                                 | 200 - 150000            |
| 7 - 8                             | 1200 - 250000           |
| 9 - 10                            | 1400 - 170000           |

Tests Completed: hCG (Abbott), Homocysteine, FBE  
Tests Pending :  
Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 670535398  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Copy To : Dr Derek Ngieng  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 670535398-E-E755  
Requested: Saturday, 8 April 2023  
Performed: Tuesday, 11 April 2023  
Test name: HISTAMINE WB  
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

**Histamine (Whole Blood)**

B-Histamine 0.6 ( 0.2 - 2.0 ) umol/L

\* Please note Histamine collection date: 11/04/2023 08:36

IR

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

Tests Completed: Iron Studies,E/LFT,hCG (Abbott),Histamine,  
AMH (Roche Plus),FBE,ESR

Tests Pending :

Sample Pending :

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 670535398  
Medicare Number: 4370785804  
Phone Enquiries: Dr D Taylor (07)5573 8888

Referred by : Dr Corne Mare  
Copy To : Dr Derek Ngieng  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 670535398-E-E227  
Requested: Saturday, 8 April 2023  
Performed: Monday, 10 April 2023  
Test name: S- HCG  
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

**Human Chorionic Gonadotrophin Assays**

Human Chorionic Gonadotrophin 9 IU/L

Comments on Collection 670535398

| Pregnant - weeks after LMP | Reference Ranges |
|----------------------------|------------------|
| 4                          | 20 - 950         |
| 5                          | 50 - 15000       |
| 6                          | 200 - 150000     |
| 7 - 8                      | 1200 - 250000    |
| 9 - 10                     | 1400 - 170000    |

11 - 14 5000 - 140000  
15 - 38 6000 - 75000  
Non Pregnant <2

Lower levels are seen in ectopic pregnancy and spontaneous abortion.  
Increased levels may be seen with hydatidiform moles.

**Result checked by repeat assay.**

JS

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

Tests Completed: Iron Studies,E/LFT,hCG (Abbott),AMH (Roche Plus),FBE,ESR  
Tests Pending : Histamine  
Sample Pending :  
~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 30 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 670535398
Medicare Number: 4370785804
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Copy To : Dr Derek Ngieng
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 670535398-C-H245
Requested: Saturday, 8 April 2023
Performed: Monday, 10 April 2023
Test name: .ANAEMIA
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

Haematinics

			Latest Results		
Date	16-Mar-23	27-Mar-23	10-Apr-23		
Time	0834	1129	0836		
Lab Id.	672236661	671418552	670535398	Reference	Units
Iron		9	17	(5-30)	umol/L
Transferrin		2.4	2.4	(1.9-3.1)	g/L
TIBC		60	60	(47-77)	umol/L
Trans Sat		15 L	28	(20-45)	%
Ferritin		28 L	34	(30-250)	ug/L
Vitamin B12	429			(>150)	pmol/L
Folate serum	35			(>7.0)	nmol/L

Comments on Collection 10-Apr-23 0836:
Iron Studies
Normal Iron Status.

CA

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

Tests Completed: Iron Studies,E/LFT,AMH (Roche Plus),FBE,ESR
Tests Pending : hCG (Abbott),Histamine
Sample Pending :
~~~~~

Patient name: MIRKOVIC, ALEXANDRA  
61 GEORGE STREET CENTRAL  
BURLEIGH HEADS, 4220  
Date of birth: 18/10/1992  
Gender: F

Medicare No.: 4370785804  
Lab. Reference: 670535398-V-V063  
Requested By: DR CORNE MARE  
Requested: Saturday, 8 April 2023  
Performed: Monday, 10 April 2023  
Test name: .AMHR GRAPH  
Provider name: SNP

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE STREET CENTRAL,BURLEIGH HEADS  
4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 670535398  
Medicare Number: 4370785804  
Phone Enquiries: Results: (07)3377  
8555 General: (07)3377 8666

Referred by : Dr Corne Mare  
Copy To : Dr Derek Ngieng  
Addressee : Dr Corne Mare  
233933NW  
Lab. Reference: 670535398-V-V063

**.AMHR Graph**  
**Lab. Reference:** 670535398-V-V063  
**Requested:** 08/04/2023  
**Complete:** Final  
**Collected:** 10/04/2023  
**SNP**

Clinical Notes : Telehealth Pregnancy screen

SS

**PDF Image Enhanced Report**

A PDF version of this report with images is available until 10-04-2024. Copy and paste the URL below into your web browser and use PIN 8434 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=8DEFFA75-3C66-4256-AFE7-B8A22F142D15&hostCode=SNP&shareType=1>

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

Tests Completed: E/LFT,AMH (Roche Plus),FBE,ESR  
Tests Pending : Iron Studies,hCG (Abbott)  
Sample Pending : Histamine

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 670535398  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Copy To : Dr Derek Ngieng  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 670535398-E-E823  
Requested: Saturday, 8 April 2023  
Performed: Monday, 10 April 2023  
Test name: \_AMH VIRTUAL  
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

**AMH**

|                  |           | Latest Results |            |        |
|------------------|-----------|----------------|------------|--------|
| Date             | 27-Mar-23 | 10-Apr-23      |            |        |
| Time             | 1129      | 0836           |            |        |
| Lab Id.          | 671418552 | 670535398      | Reference  | Units  |
| AMH (Roche Plus) | 13.9      | 23.2           | (4.1-58.0) | pmol/L |

Comments on Collection 10-Apr-23 0836:

The reference interval quoted above for the Roche AMH Plus assay is the age-related 2.5 - 97.5 percentile.

Generally accepted fertility criteria (not age-related):

<11.0 pmol/L: Suggestive of reduced ovarian reserve

>24.0 pmol/L: Indicates the possibility of

1. Polycystic Ovarian Syndrome

2. In post-menopausal females - granulosa cell tumour

3. Increased risk of Ovarian Hyperstimulation

Syndrome in a stimulated cycle

AMH is produced by the granulosa cells of developing follicles, and provides an estimate of the number of primordial follicles. Particularly in younger women, a low AMH level does not exclude the possibility of fertility.

Levels may be decreased in the latter part of the menstrual cycle and by the OC pill.

High dose biotin (Vitamin B7) can interfere in the AMH Plus assay, causing a falsely low result. High dose biotin may be used in the treatment of Multiple Sclerosis, and is present in certain vitamin supplements, particularly those for hair and nails. If the patient is taking high dose biotin supplementation (>5 mg/day) this result may not be accurate, please repeat this test after at least 3 days off biotin

Note change to Roche Plus AMH method as of the 29/08/2018.

IR

**PDF Image Enhanced Report**

A PDF version of this report with images is available until 10-04-2024. Copy and paste the URL below into your web browser and use PIN 6463 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=17B0D41F-03AD-419A-83FD-B0B4A0D05E9E&hstCode=SNP&shareType=1>

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

Tests Completed: E/LFT,AMH (Roche Plus),FBE,ESR

Tests Pending : Iron Studies,hCG (Abbott)

Sample Pending : Histamine

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 30 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 670535398
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Copy To : Dr Derek Ngieng
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 670535398-H-H050
Requested: Saturday, 8 April 2023
Performed: Monday, 10 April 2023
Test name: ESR
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

Haematology

ESR 1 (1 - 12) mm/h

HA

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

Tests Completed: E/LFT,AMH (Roche Plus),FBE,ESR

Tests Pending : Iron Studies,hCG (Abbott)

Sample Pending : Histamine

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220  
Birthdate: 18/10/1992 Age: 30 Y Sex: F  
Telephone: 0402793674  
Your Reference : 113283000  
SNP Reference : 670535398  
Medicare Number: 4370785804  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Copy To : Dr Derek Ngieng  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 670535398-C-C140  
Requested: Saturday, 8 April 2023  
Performed: Monday, 10 April 2023  
Test name: S-ROUTINE CHEMISTRY  
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

### Chemistry (serum)

| Date             | Time | Lab Id. | Latest Results |           |                      |
|------------------|------|---------|----------------|-----------|----------------------|
|                  |      |         | 16-Mar-23      | 27-Mar-23 | 10-Apr-23            |
|                  |      |         | 0834           | 1129      | 0836                 |
|                  |      |         | 672236661      | 671418552 | 670535398            |
|                  |      |         |                |           | Reference Units      |
| Sodium           |      |         |                | 139       | (135-145) mmol/L     |
| Potassium        |      |         |                | 4.1       | (3.5-5.5) mmol/L     |
| Chloride         |      |         |                | 105       | (95-110) mmol/L      |
| Bicarbonate      |      |         |                | 26        | (20-32) mmol/L       |
| Anion Gap        |      |         |                | 8         | (<16) mmol/L         |
| Calcium (Corr.)  | 2.26 |         |                | 2.30      | (2.10-2.60) mmol/L   |
| Phosphate        | 1.09 |         |                | 1.13      | (0.80-1.50) mmol/L   |
| Urea             |      |         |                | 4.5       | (2.5-7.0) mmol/L     |
| Urate            |      |         |                | 0.242     | (0.150-0.400) mmol/L |
| Creatinine       |      |         |                | 69        | (45-85) umol/L       |
| eGFR             |      |         |                | >90       | (>59)                |
| Random Glucose   |      |         |                | 4.3       | (3.6-7.7) mmol/L     |
| Total Protein    |      |         |                | 67        | (64-81) g/L          |
| Albumin          | 41   |         |                | 41        | (33-46) g/L          |
| Globulin         |      |         |                | 26        | (23-43) g/L          |
| T Bilirubin      |      |         |                | 20 H      | (<16) umol/L         |
| ALP              |      |         |                | 37        | (20-105) U/L         |
| AST              |      |         |                | 22        | (10-35) U/L          |
| ALT              |      |         |                | 18        | (5-30) U/L           |
| GGT              |      |         |                | 15        | (5-35) U/L           |
| LDH              |      |         |                | 136       | (<250) U/L           |
| Cholesterol      |      |         |                | 4.9       | (<5.6) mmol/L        |
| Magnesium        | 0.76 |         |                |           | (0.70-1.10) mmol/L   |
| Haemolysis Index | 8    | 8       | 2              |           | (<40) mg/dL          |

CA

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

Tests Completed: E/LFT,FBE

Tests Pending : Iron Studies,hCG (Abbott),AMH (Roche Plus),ESR

Sample Pending : Histamine

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE STREET CENTRAL,BURLEIGH HEADS 4220
Birthdate: 18/10/1992 Age: 30 Y Sex: F
Telephone: 0402793674
Your Reference : 113283000
SNP Reference : 670535398
Medicare Number: 4370785804
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Copy To : Dr Derek Ngieng
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 670535398-H-H900
Requested: Saturday, 8 April 2023
Performed: Monday, 10 April 2023
Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth Pregnancy screen

Haematology

Date	Latest Results			
	27-Mar-23	10-Apr-23		
Time	1129	0836		
Lab Id.	671418552	670535398	Reference	Units
Haemoglobin	126	132	(115-165)	g/L
Haematocrit	0.39	0.42	(0.35-0.47)	
RCC	4.2	4.3	(3.9-5.6)	10*12/L
MCV	94	97	(80-100)	fL
WCC	5.8	4.3	(3.5-12.0)	10*9/L
Neutrophils	3.49	2.28	(1.5-8.0)	10*9/L
Lymphocytes	1.79	1.63	(1.0-4.0)	10*9/L
Monocytes	0.49	0.30	(0-0.9)	10*9/L
Eosinophils	0.04	0.03	(0-0.6)	10*9/L
Basophils	0.02	0.03	(0-0.15)	10*9/L
Platelets	238	240	(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 : Iron Studies,E/LFT,hCG (Abbott),AMH (Roche Plus),ESR

Sample Pending : Histamine

~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220  
Birthdate: 18/10/1992 Age: Y30 Sex: F  
Telephone: 0402793674

Your Reference :  
QML Reference : 23-70142932  
Medicare Number: 4370785804  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Copy To : PO,DR. MAX

Addressee : MARE, DR. CORNE 233933NW  
Lab. Reference: 23-70142932-ISM-0  
Requested: Wednesday, 15 March 2023  
Performed: Tuesday, 4 April 2023  
Test name: MASTER IRON STUDIES  
Provider name: QML Pathology

IRON STUDIES

|                                                                       |    |        |          |
|-----------------------------------------------------------------------|----|--------|----------|
| Serum Iron                                                            | 13 | umol/L | (10-33)  |
| Transferrin IBC                                                       | 55 | umol/L | (45-70)  |
| Transferrin Saturation                                                | 24 | %      | (16-50)  |
| - Serum Ferritin Assay                                                | 18 | ug/L   | (25-290) |
| Comment:                                                              |    |        |          |
| Low serum ferritin level indicative of mild-moderate iron deficiency. |    |        |          |

Tests Completed:TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SE VIT D, SE HOMOCYSTEINE  
Tests Pending :SERUM VITAMIN B12, ACTIVE VITAMIN B12, SE E/LFT

~~~~~  
Start Patient : MIRKOVIC,ALEXANDRA
81 GEORGE ST CN, BURLEIGH HEADS QLD 4220
Birthdate: 18/10/1992 Age: Y30 Sex: F
Telephone: 0402793674

Your Reference :
QML Reference : 23-70142932
Medicare Number: 2202256323
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE
Copy To : PO, DR. MAX
Addressee : MARE, DR. CORNE 233933NW
Lab. Reference: 23-70142932-HIS-0
Requested: Wednesday, 15 March 2023
Performed: Tuesday, 4 April 2023
Test name: HISTAMINE,BLOOD
Provider name: QML Pathology

Blood Histamine 0.3 umol/L (0.2-1.8)

Reference range under review.
QML Pathology's NATA accreditation does not cover the performance of this test.

Tests Completed:TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM VITAMIN B12
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE
Tests Pending :
~~~~~

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220  
Birthdate: 18/10/1992 Age: Y30 Sex: F  
Telephone: 0402793674

Your Reference :  
QML Reference : 23-70142932  
Medicare Number: 4370785804  
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE  
Copy To : PO, DR. MAX  
Addressee : MARE, DR. CORNE 233933NW  
Lab. Reference: 23-70142932-VD-0  
Requested: Wednesday, 15 March 2023  
Performed: Tuesday, 4 April 2023

Test name: VITAMIN D,SERUM  
Provider name: QML Pathology

CUMULATIVE SERUM VITAMIN D

Date 04/04/23  
Time 07:55  
Lab No 70142932  
Vitamin D3 147 nmol/L (> 49)

Tests Completed:TSH, FREE T4, FREE T3, FBC, SE VIT D, SE HOMOCYSTEINE  
Tests Pending :IRON STUDIES, SERUM VITAMIN B12, ACTIVE VITAMIN B12, SE E/LFT

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220  
Birthdate: 18/10/1992 Age: Y30 Sex: F  
Telephone: 0402793674

Your Reference :  
QML Reference : 23-70142932  
Medicare Number: 4370785804  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Copy To : PO,DR. MAX  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 23-70142932-HOM-0  
Requested: Wednesday, 15 March 2023  
Performed: Tuesday, 4 April 2023  
Test name: HOMOCYSTEINE,SERUM  
Provider name: QML Pathology

CUMULATIVE SERUM HOMOCYSTEINE

Date 04/04/23  
Time 07:55  
Lab No 70142932  
Homocysteine 10.7 umol/L (0.0-15.0)

70142932 High normal value.  
With this level, the heterozygous state for defects of transsulphuration (homocysteinaemia) is unlikely. However the risk of coronary artery disease may be mildly elevated over the baseline. This is independent of other risk factors.

Homocysteine Related Risk

|                       |              |
|-----------------------|--------------|
| Plasma level (umol/L) | Risk Average |
| Below 9.0             | No increase  |
| 9.0 - 14.9            | x 2          |
| 15.0 - 19.9           | x 3          |
| 20.0 or greater       | x 4.5        |

Risks approximated from New Eng J Med 1997 (337:230-236)

Tests Completed:TSH, FREE T4, FREE T3, FBC, SE HOMOCYSTEINE  
Tests Pending :IRON STUDIES, SERUM VITAMIN B12, ACTIVE VITAMIN B12, SE E/LFT  
Tests Pending :SE VIT D

Start Patient : MIRKOVIC,ALEXANDRA  
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220  
Birthdate: 18/10/1992 Age: Y30 Sex: F  
Telephone: 0402793674

Your Reference :  
QML Reference : 23-70142932

Medicare Number: 4370785804  
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE  
Copy To : PO, DR. MAX  
Addressee : MARE, DR. CORNE 233933NW  
Lab. Reference: 23-70142932-THY-0  
Requested: Wednesday, 15 March 2023  
Performed: Tuesday, 4 April 2023  
Test name: THYROID TEST MASTER  
Provider name: QML Pathology

#### CUMULATIVE SERUM THYROID FUNCTION TESTS

|         |          |          |                        |
|---------|----------|----------|------------------------|
| Date    | 20/05/13 | 28/07/22 | 04/04/23               |
| Time    | 13:30    | 08:40    | 07:55                  |
| Lab No  | 63441946 | 70144625 | 70142932               |
| TSH     | 0.99     | 0.89     | 1.00 mIU/L (0.50-4.00) |
| free T4 | 10       | 14       | pmol/L (10-20)         |
| free T3 | 4.0      | 4.7      | pmol/L (2.8-6.8)       |

Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Please note that without a specific indication, Medicare does not fund FT4 and FT3 testing in patients with normal TSH results. If these tests are clinically indicated please contact the laboratory.

Tests Completed: TSH, FREE T4, FREE T3, FBC  
Tests Pending : IRON STUDIES, SERUM VITAMIN B12, ACTIVE VITAMIN B12, SE E/LFT  
Tests Pending : SE VIT D, SE HOMOCYSTEINE

~~~~~  
Start Patient : MIRKOVIC, ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220
Birthdate: 18/10/1992 Age: Y30 Sex: F
Telephone: 0402793674

Your Reference :
QML Reference : 23-70142932
Medicare Number: 4370785804
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE
Copy To : PO, DR. MAX
Addressee : MARE, DR. CORNE 233933NW
Lab. Reference: 23-70142932-CBC-0
Requested: Wednesday, 15 March 2023
Performed: Tuesday, 4 April 2023
Test name: MASTER FULL BLOOD COUNT
Provider name: QML Pathology

FULL BLOOD EXAMINATION

Haemoglobin	126	g/L	(115-160)
Red Cell Count	4.2	$\times 10^{12}$ /L	(3.6-5.2)
Haematocrit	0.40		(0.33-0.46)
Mean Cell Volume	94	fL	(80-98)
Mean Cell Haemoglobin	30	pg	(27-35)
Platelet Count	230	$\times 10^9$ /L	(150-450)
- White Cell Count	3.8	$\times 10^9$ /L	(4.0-11.0)
- Neutrophils	49 %	1.9 $\times 10^9$ /L	(2.0-7.5)
Lymphocytes	41 %	1.6 $\times 10^9$ /L	(1.1-4.0)
Monocytes	8 %	0.3 $\times 10^9$ /L	(0.2-1.0)
Eosinophils	1 %	0.04 $\times 10^9$ /L	(0.04-0.40)

Basophils 1 % 0.04 x10 ^9 /L (< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

Neutropenia may be a transient effect of an acute viral infection. Persistent neutropenia may be seen as a result of certain infections, hypersplenism, SLE/Rheumatoid, drug side effect, and sometimes as an ethnic familial disorder, or in older patients an early myelodysplasia. Correlate Clinically as well as with E+LFTs, Viral Serology, Lymphocyte Markers, ANA/RF if clinically appropriate. Otherwise, suggest repeat at a later date.

** FINAL REPORT - Please destroy previous report **

Tests Completed:FBC

Tests Pending :TSH, FREE T4, FREE T3, IRON STUDIES, SERUM VITAMIN B12

Tests Pending :ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220
Birthdate: 18/10/1992 Age: Y30 Sex: F
Telephone: 0402793674

Your Reference :
QML Reference : 23-70142932
Medicare Number: 4370785804
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE
Copy To : PO,DR. MAX
Addressee : MARE,DR. CORNE 233933NW
Lab. Reference: 23-70142932-UID-0
Requested: Wednesday, 15 March 2023
Performed: Tuesday, 4 April 2023
Test name: IODINE,URINE
Provider name: QML Pathology

URINARY IODINE

Creatinine	6.8 mmol/L
Iodine	300 ug/L
Iodine	2.36 umol/L

WHO 2008 guidelines:

Classification of iodine deficiency (Urine iodine ug/L):

> 99	Not iodine deficient
50-99	Mild iodine deficiency
20-49	Moderate iodine deficiency
< 20	Severe iodine deficiency

Levels in excess of 149 ug/L are regarded as adequate in pregnancy.
Levels exceeding 300 ug/L (or above 500 ug/L in pregnancy) may carry a "Risk of adverse health consequences".

Tests Completed:TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM VITAMIN B12

Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE

Tests Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220
Birthdate: 18/10/1992 Age: Y30 Sex: F
Telephone: 0402793674

Your Reference :
QML Reference : 23-70142932
Medicare Number: 4370785804
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE
Copy To : PO,DR. MAX
Addressee : MARE,DR. CORNE 233933NW
Lab. Reference: 23-70142932-BFM-0
Requested: Wednesday, 15 March 2023
Performed: Tuesday, 4 April 2023
Test name: MASTER VITAMIN B12 FOLATE
Provider name: QML Pathology

Serum Vitamin B12 Assay	448	pmol/L	(162-811)
Holo TC Assay	> 146	pmol/L	(> 35)

Comment:

Serum Vitamin B12 Assay:
Essentially normal B12 levels, although liver disease if present
may falsely elevate the level.

Holo TC Assay:
No suggestion of vitamin B12 deficiency.
High B12 levels are commonly seen with vitamin B12 replacement
therapy.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica
analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07
3121 4444.
Patients should contact their referring doctor in regard to this
result.

Tests Completed:TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM VITAMIN B12
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE
Tests Pending :

Start Patient : MIRKOVIC,ALEXANDRA
61 GEORGE ST CENTRAL, BURLEIGH HEADS QLD 4220
Birthdate: 18/10/1992 Age: Y30 Sex: F
Telephone: 0402793674

Your Reference :
QML Reference : 23-70142932
Medicare Number: 4370785804
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE
Copy To : PO,DR. MAX
Addressee : MARE,DR. CORNE 233933NW
Lab. Reference: 23-70142932-25T-0
Requested: Wednesday, 15 March 2023
Performed: Tuesday, 4 April 2023
Test name: E/LFT (MASTER)
Provider name: QML Pathology

SERUM CHEMISTRY - FASTING

Sodium	140	mmol/L	(137-147)
Potassium	4.4	mmol/L	(3.5-5.0)
Chloride	103	mmol/L	(96-109)
Bicarbonate	27	mmol/L	(25-33)
Other Anions	14	mmol/L	(4-17)
Glucose	3.9	mmol/L	fasting (3.0-6.0)
Urea	5.2	mmol/L	(2.0-7.0)
Creatinine	71	umol/L	(40-110)
eGFR	> 90	mL/min	(over 59)
Uric Acid	0.25	mmol/L	(0.14-0.35)
Total Bilirubin	19	umol/L	(2-20)
Alk. Phos.	34	U/L	(30-115)
Gamma G.T.	10	U/L	(0-45)
ALT	27	U/L	(0-45)
AST	31	U/L	(0-41)
LD	160	U/L	(80-250)
Calcium	2.34	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.35	mmol/L	(2.15-2.60)
Phosphate	1.5	mmol/L	(0.8-1.5)
Total Protein	66	g/L	(60-82)
Albumin	42	g/L	(35-50)
Globulins	24	g/L	(20-40)
Cholesterol	4.9	mmol/L	(3.1-6.5)
Triglycerides	0.6	mmol/L	fasting (0.3-2.2)

Tests Completed:TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SE E/LFT, SE VIT D

Tests Completed:SE HOMOCYSTEINE

Tests Pending :SERUM VITAMIN B12, ACTIVE VITAMIN B12

~~~~~