

INVESTIGATION RESULTS

As at 16/11/2022.

Patient Details:

Patient Name: Ms Georgina Sarkis
Address: 2/40 Cheltenham Drive
ROBINA QLD 4226
Phone - Home: 0412139380
Phone - Work:
D.O.B.: 24/10/1976
Record Number: 10181
Medicare Number: 4458 39872 1 / 1
DVA Number:

Allergies/Adverse **KEFLEX**
Reactions:

Investigation Results:

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226
Birthdate: 24/10/1976 Age: 46 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721
Phone Enquiries: Drs Robinson, Langguth (07)3377 8666 Immunology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 669752678-I-I903
Requested: Wednesday, 9 November 2022
Performed: Thursday, 10 November 2022
Test name: S-PROTEIN STUDIES
Provider name: SNP

Clinical Notes : Telehealth General pathology

Protein Studies

		Latest Results		
Date		02-Jun-22	10-Nov-22	
Time F-Fast		0755 F	0737 F	
Lab Id.		668198036	669752678	Reference Units
IgG	12.70		(5.76-15.36)	g/L
IgA		2.18	(1.24-4.16)	g/L
IgM	1.38		(0.48-3.1)	g/L

IA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,FBE,ESR,IgA

Tests Pending : Copper (Serum),Zinc

Sample Pending :

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226
Birthdate: 24/10/1976 Age: 46 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721

Patient Name: Ms Georgina Sarkis

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

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 669752678-C-B091
 Requested: Wednesday, 9 November 2022
 Performed: Thursday, 10 November 2022
 Test name: COPPER VIRTUAL
 Provider name: SNP

Clinical Notes : Telehealth General pathology

Copper

Copper-serum 16.8 (13.0 - 25.0) umol/L

CA

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

Tests Completed: Copper (Serum), Iron Studies, CRP, Zinc, E/LFT, TFT ,
 Vitamin B12, LH, FSH, Oestradiol, Progesterone,
 Homocysteine, Insulin, Vitamin D, Cortisol AM,
 Thyroid Abs, FBE, ESR, IgA

Tests Pending :

Sample Pending :

Start Patient : SARKIS, GEORGINA
 2/40 CHELTENHAM DRIVE, ROBINA 4226
 Birthdate: 24/10/1976 Age: 46 Y Sex: F
 Telephone: 0412139380
 Your Reference : 78617000
 SNP Reference : 669752678
 Medicare Number: 4458398721
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 669752678-C-H245
 Requested: Wednesday, 9 November 2022
 Performed: Thursday, 10 November 2022
 Test name: ANAEMIA
 Provider name: SNP

Clinical Notes : Telehealth General pathology

Haematinics

Date	Latest Results			
	02-Jun-22	10-Nov-22		
Time F-Fast	0755 F	0737 F		
Lab Id.	668198036	669752678	Reference	Units
Iron	13	13	(5-30)	umol/L
Transferrin	2.4	2.5	(1.9-3.1)	g/L
TIBC	60	63	(47-77)	umol/L
Trans Sat	22	21	(20-45)	%
Ferritin	65	74	(30-300)	ug/L
CRP	0.6	0.7	(<5)	mg/L
Vitamin B12	554	500	(>150)	pmol/L

Comments on Collection 10-Nov-22 0737 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: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DRIVE,ROBINA 4226  
Birthdate: 24/10/1976 Age: 46 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 669752678  
Medicare Number: 4458398721  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 669752678-C-B099  
Requested: Wednesday, 9 November 2022  
Performed: Thursday, 10 November 2022  
Test name: \_ZINC VIRTUAL  
Provider name: SNP

Clinical Notes : Telehealth General pathology

**Zinc**

Zinc-plasma 12.2 ( 9.0 - 19.0 ) umol/L

Comments on Lab Id: 669752678

CA

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

Tests Completed: Iron Studies,CRP,Zinc,E/LFT,TFT ,Vitamin B12,LH,FSH,  
Oestradiol,Progesterone,Homocysteine,Insulin,  
Vitamin D,Cortisol AM,Thyroid Abs,FBE,ESR,IgA

Tests Pending : Copper (Serum)

Sample Pending :

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Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226
Birthdate: 24/10/1976 Age: 46 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 669752678-H-H050
Requested: Wednesday, 9 November 2022
Performed: Thursday, 10 November 2022
Test name: ESR
Provider name: SNP

Clinical Notes : Telehealth General pathology

	Latest Results				
Date	18-Feb-22	02-Jun-22	10-Nov-22		
Time F-Fast	1039	0755 F	0737 F		
Lab Id.	664901063	668198036	669752678	Reference	Units
ESR	5	7	7	(1-12)	mm/h
HA					

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,FBE,ESR

Tests Pending : Copper (Serum),Zinc,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DRIVE,ROBINA 4226  
Birthdate: 24/10/1976 Age: 46 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 669752678  
Medicare Number: 4458398721  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 669752678-E-E557  
Requested: Wednesday, 9 November 2022  
Performed: Thursday, 10 November 2022  
Test name: S- CORTISOL  
Provider name: SNP

Clinical Notes : Telehealth General pathology

#### Cortisol

Cortisol am 477 ( 100 - 535 ) nmol/L

Comments on Collection 669752678

Cortisol performed by Abbott immunoassay.

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,  
Oestradiol,Progesterone,Homocysteine,Insulin,  
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226
Birthdate: 24/10/1976 Age: 46 Y Sex: F
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Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 669752678-E-E199
 Requested: Wednesday, 9 November 2022
 Performed: Thursday, 10 November 2022
 Test name: S- FERTILITY HORMONES
 Provider name: SNP

Clinical Notes : Telehealth General pathology

Reproductive Hormones

		Latest Results			
Date		18-Feb-22	10-Nov-22		
Time F-Fast		1039	0737 F		
Lab Id.		664901063	669752678	Reference	Units
FSH		5	4		IU/L
LH		4	6		IU/L
Oestradiol		297	340		pmol/L
Progesterone		29	37		nmol/L
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	
OCP	<5	<9	<80	<1.5	

Comments on Collection 10-Nov-22 0737 F:
 Falsely elevated Abbott oestradiol levels may be seen in patients on
 fulvestrant (FASLODEX) or mifepristone (MIFEGYNE, MIFEPRE) therapies. This
 elevation can be observed in patients treated with mifepristone for up to
 two weeks post treatment.

RN

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
 Oestradiol,Progesterone,Homocysteine,Insulin,
 Vitamin D,Cortisol AM,FBE
 Tests Pending : Copper (Serum),Zinc,ESR,IgA
 Sample Pending :

Start Patient : SARKIS,GEORGINA
 2/40 CHELTENHAM DRIVE,ROBINA 4226
 Birthdate: 24/10/1976 Age: 46 Y Sex: F
 Telephone: 0412139380
 Your Reference : 78617000
 SNP Reference : 669752678
 Medicare Number: 4458398721
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 669752678-E-E030
 Requested: Wednesday, 9 November 2022
 Performed: Thursday, 10 November 2022
 Test name: S- THYROID FUNCTION
 Provider name: SNP

Clinical Notes : Telehealth General pathology

Thyroid Function Tests

		Latest Results	
Date		02-Jun-22	10-Nov-22
Time F-Fast		0755 F	0737 F

Lab Id.	668198036	669752678	Reference	Units
Free T4	10.7	11.8	(9.0-19.0)	pmol/L
Free T3	3.8	5.0	(2.6-6.0)	pmol/L
TSH	1.4	1.7	(0.3-3.5)	mIU/L

Comments on Collection 10-Nov-22 0737 F:
Euthyroid

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DRIVE,ROBINA 4226  
Birthdate: 24/10/1976 Age: 46 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 669752678  
Medicare Number: 4458398721  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 669752678-E-E310  
Requested: Wednesday, 9 November 2022  
Performed: Thursday, 10 November 2022  
Test name: S-HOMOCYSTEINE  
Provider name: SNP

Clinical Notes : Telehealth General pathology

|              |           | Latest Results |           |        |
|--------------|-----------|----------------|-----------|--------|
| Date         | 18-Feb-22 | 10-Nov-22      |           |        |
| Time F-Fast  | 1039      | 0737 F         |           |        |
| Lab Id.      | 664901063 | 669752678      | Reference | Units  |
| Homocysteine | 8.9       | 6.6            | (<15)     | umol/L |

Comments on Collection 10-Nov-22 0737 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

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,  
Oestradiol,Progesterone,Homocysteine,Insulin,  
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226

Birthdate: 24/10/1976 Age: 46 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 669752678-E-E320
Requested: Wednesday, 9 November 2022
Performed: Thursday, 10 November 2022
Test name: S-INSULIN
Provider name: SNP

Clinical Notes : Telehealth General pathology

Insulin

S-Insulin 8 (3 - 15) mU/L

Comments on Collection 669752678

Please note: The insulin reference interval only refers to a fasting collection

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA
Sample Pending :

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Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DRIVE,ROBINA 4226  
Birthdate: 24/10/1976 Age: 46 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 669752678  
Medicare Number: 4458398721  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 669752678-E-E405  
Requested: Wednesday, 9 November 2022  
Performed: Thursday, 10 November 2022  
Test name: S-VITAMIN D  
Provider name: SNP

Clinical Notes : Telehealth General pathology

|                   |     | Latest Results |           |                 |
|-------------------|-----|----------------|-----------|-----------------|
| Date              |     | 02-Jun-22      | 10-Nov-22 |                 |
| Time F-Fast       |     | 0755 F         | 0737 F    |                 |
| Lab Id.           |     | 668198036      | 669752678 | Reference Units |
| Hydroxycalciferol | 123 | 99             | (50-150)  | nmol/L          |

Comments on Collection 10-Nov-22 0737 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,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,  
Oestradiol,Progesterone,Homocysteine,Insulin,  
Vitamin D,Cortisol AM,FBE

Tests Pending : Copper (Serum),Zinc,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DRIVE,ROBINA 4226
Birthdate: 24/10/1976 Age: 46 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 669752678
Medicare Number: 4458398721
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 669752678-H-H900
Requested: Wednesday, 9 November 2022
Performed: Thursday, 10 November 2022
Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth General pathology

Haematology

Date	Latest Results			Reference	Units
	18-Feb-22	02-Jun-22	10-Nov-22		
Time F-Fast	1039	0755 F	0737 F		
Lab Id.	664901063	668198036	669752678		
Haemoglobin	142	139	146	(115-165)	g/L
Haematocrit	0.43	0.43	0.44	(0.35-0.47)	
RCC	4.5	4.5	4.6	(3.9-5.6)	10*12/L
MCV	95	96	94	(80-100)	fL
WCC	5.0	5.2	5.9	(3.5-12.0)	10*9/L
Neutrophils	2.70	2.42	2.89	(1.5-8.0)	10*9/L
Lymphocytes	1.96	2.26	2.46	(1.0-4.0)	10*9/L
Monocytes	0.30	0.41	0.50	(0-0.9)	10*9/L
Eosinophils	0.04	0.04	0.04	(0-0.6)	10*9/L
Basophils	0.03	0.04	0.05	(0-0.15)	10*9/L
Platelets	215	223	207	(150-400)	10*9/L

HA

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

Tests Completed: CRP,E/LFT,FBE

Tests Pending : Copper (Serum),Iron Studies,Zinc,TFT ,Vitamin B12,
LH,FSH,Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DRIVE,ROBINA 4226  
Birthdate: 24/10/1976 Age: 46 Y Sex: F



Telephone: 0412139380  
 Your Reference : 78617000  
 SNP Reference : 669752678  
 Medicare Number: 4458398721  
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
 Addressee : Dr Corne Mare 233933NW  
 Lab. Reference: 669752678-C-C140  
 Requested: Wednesday, 9 November 2022  
 Performed: Thursday, 10 November 2022  
 Test name: S-ROUTINE CHEMISTRY  
 Provider name: SNP

Clinical Notes : Telehealth General pathology

# Chemistry (serum)

| Date             | Latest Results |           |           |           | Reference     | Units  |
|------------------|----------------|-----------|-----------|-----------|---------------|--------|
|                  | 18-Feb-22      | 02-Jun-22 | 07-Jul-22 | 10-Nov-22 |               |        |
| Time F-Fast      | 1039           | 0755 F    | 0804      | 0737 F    |               |        |
| Lab Id.          | 664901063      | 668198036 | 668023272 | 669752678 |               |        |
| Sodium           | 138            | 139       | 136       | 137       | (135-145)     | mmol/L |
| Potassium        | 4.4            | 4.3       | 3.7       | 4.1       | (3.5-5.5)     | mmol/L |
| Chloride         | 105            | 107       | 102       | 103       | (95-110)      | mmol/L |
| Bicarbonate      | 26             | 25        | 27        | 26        | (20-32)       | mmol/L |
| Anion Gap        | 7              | 7         | 7         | 8         | (<16)         | mmol/L |
| Calcium (Corr.)  | 2.28           | 2.27      | 2.32      | 2.27      | (2.10-2.60)   | mmol/L |
| Phosphate        | 1.14           | 1.25      | 1.29      | 1.31      | (0.80-1.50)   | mmol/L |
| Urea             | 7.3 H          | 6.0       | 6.4       | 6.3       | (2.5-7.0)     | mmol/L |
| Urate            | 0.357          | 0.354     | 0.368     | 0.328     | (0.150-0.400) | mmol/L |
| Creatinine       | 75             | 75        | 82        | 72        | (45-85)       | umol/L |
| eGFR             | 83             | 83        | 75        | 87        | (>59)         |        |
| Fast. Glucose    |                | 5.3       |           | 5.1       | (3.6-6.0)     | mmol/L |
| Random Glucose   | 5.6            |           | 7.2       |           | (3.6-7.7)     | mmol/L |
| Total Protein    | 72             | 72        | 73        | 72        | (64-81)       | g/L    |
| Albumin          | 41             | 41        | 40        | 40        | (33-46)       | g/L    |
| Globulin         | 31             | 31        | 33        | 32        | (23-43)       | g/L    |
| T Bilirubin      | 10             | 10        | 12        | 13        | (<16)         | umol/L |
| ALP              | 60             | 60        | 60        | 60        | (20-105)      | U/L    |
| AST              | 17             | 20        | 21        | 17        | (10-35)       | U/L    |
| ALT              | 23             | 31 H      | 35 H      | 21        | (5-30)        | U/L    |
| GGT              | 12             | 15        | 19        | 15        | (5-35)        | U/L    |
| LDH              | 131            | 128       | 130       | 133       | (120-250)     | U/L    |
| Cholesterol      | 5.2            | 4.8       | 4.7       | 5.2       | (<5.6)        | mmol/L |
| Haemolysis Index | 3              | 5         | 2         | 3         | (<40)         | mg/dL  |

CA

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

Tests Completed: CRP,E/LFT,FBE

Tests Pending : Copper (Serum),Iron Studies,Zinc,TFT ,Vitamin B12,  
 LH,FSH,Oestradiol,Progesterone,Homocysteine,Insulin,  
 Vitamin D,Cortisol AM,ESR,IgA

Sample Pending :

Start Patient : SARKIS,GEORGINA  
 2/40 CHELTENHAM DRIVE,ROBINA 4226  
 Birthdate: 24/10/1976 Age: 46 Y Sex: F  
 Telephone: 0412139380  
 Your Reference : 78617000  
 SNP Reference : 669752678  
 Medicare Number: 4458398721  
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
 Addressee : Dr Corne Mare 233933NW  
 Lab. Reference: 669752678-C-C290  
 Requested: Wednesday, 9 November 2022  
 Performed: Thursday, 10 November 2022  
 Test name: S-C REACTIVE PROTEIN  
 Provider name: SNP

Clinical Notes : Telehealth General pathology

|             | Latest Results |           |           |       |
|-------------|----------------|-----------|-----------|-------|
| Date        | 02-Jun-22      | 10-Nov-22 |           |       |
| Time F-Fast | 0755 F         | 0737 F    |           |       |
| Lab Id.     | 668198036      | 669752678 | Reference | Units |
| CRP         | 0.6            | 0.7       | (<5)      | mg/L  |

Comments on Collection 10-Nov-22 0737 F:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

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

Tests Completed: CRP,E/LFT,FBE

Tests Pending : Copper (Serum),Iron Studies,Zinc,TFT ,Vitamin B12,  
 LH,FSH,Oestradiol,Progesterone,Homocysteine,Insulin,  
 Vitamin D,Cortisol AM,ESR,IgA

Sample Pending :

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Start Patient : SARKIS,GEORGINA
 2/40 CHELTENHAM DRIVE,ROBINA 4226
 Birthdate: 24/10/1976 Age: 46 Y Sex: F
 Telephone: 0412139380
 Your Reference : 78617000
 SNP Reference : 669752678
 Medicare Number: 4458398721
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 669752678-E-E725
 Requested: Wednesday, 9 November 2022
 Performed: Thursday, 10 November 2022
 Test name: S- THYROID ANTIBODIES
 Provider name: SNP

Clinical Notes : Telehealth General pathology

Thyroid Antibodies

	Latest Results			
Date	02-Jun-22	10-Nov-22		
Time F-Fast	0755 F	0737 F		
Lab Id.	668198036	669752678	Reference	Units
Peroxidase Ab	<3	<1.0	(<5.6)	IU/mL
Thyroglobulin Ab	<3	1.3	(<4.1)	IU/mL

Comments on Collection 10-Nov-22 0737 F:

Thyroid Antibodies: Levels up to 100 IU/mL can occur in normal subjects (5% of males, 15% of females - mainly elderly) and may also occur in non-thyroid autoimmune and chromosomal disorders.

Raised levels may occur in prodromal hypothyroidism before TSH elevations occur and may also be seen in thyrotoxicosis, thyroiditis, non-toxic goitre and thyroid cancer. The levels seen in Graves' Disease and Hashimoto's can vary from normal up to >1000, but are usually elevated.

From the 30th of August 2022 reference intervals and results have been modified to one decimal place for Thyroid Thyroglobulin and Peroxidase antibodies.

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,LH,FSH,
Oestradiol,Progesterone,Homocysteine,Insulin,
Vitamin D,Cortisol AM,Thyroid Abs,FBE,ESR,IgA
Tests Pending : Copper (Serum),Zinc
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668023623  
Medicare Number: 2536151055  
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Microbiology  
  
Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668023623-M-M550  
Requested: Thursday, 14 July 2022  
Performed: Sunday, 17 July 2022  
Test name: FAECES 1  
Provider name: SNP

Clinical Notes : Telehealth Parasite screen, ? Worms

**Faeces 1**

**Specimen** Faeces  
**Appearance** Unformed stool

**Parasite Concentration** No ova, cysts or parasites seen

**Culture** Culture proceeding

JA

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

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

Tests Completed: Faeces PCR  
Tests Pending : Faeces 1 MCS/OCP  
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F

Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668023623
Medicare Number: 2536151055
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668023623-D-D183
Requested: Thursday, 14 July 2022
Performed: Sunday, 17 July 2022
Test name: FAECES PCR
Provider name: SNP

Clinical Notes : Telehealth Parasite screen, ? Worms

Faeces PCR

Parasites:

Giardia intestinalis	Not Detected
Cryptosporidium	Not Detected
Dientamoeba fragilis	Not Detected
Entamoeba histolytica	Not Detected
Blastocystis hominis	Not Detected

Bacteria:

Campylobacter spp.	Not Detected
Salmonella spp.	Not Detected
Shigella spp./EIEC	Not Detected
Yersinia enterocolitica	Not Detected
Aeromonas	Not Detected

Comments on Collection 668023623

Not detected results indicate the absence of detectable nucleic acids in this sample for the enteropathogens reported. Only the reported enteropathogens have been tested.

All bacterial causes of gastroenteritis reported by PCR are cultured for recovery of isolates subject to organism viability and a further report issued. Some clinical indications e.g overseas travel, eosinophilia, seafood or antibiotic ingestion will require additional parasite concentration examination, culture setup or molecular testing to detect alternative pathogens e.g. hookworm, strongyloides, Vibrios, Clostridium difficile infection (CDI), Enterohaemorrhagic E. coli (STEC). These indications should be highlighted on the request.

Roche LightMix Gastroenteritis multiplex PCR assays were utilised for testing.

For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

MA

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

Tests Completed: Faeces PCR
Tests Pending : Faeces 1 MCS/OCP
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668023623  
Medicare Number: 2536151055  
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Microbiology  
Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668023623-M-M550  
Requested: Thursday, 14 July 2022  
Performed: Sunday, 17 July 2022  
Test name: FAECES 1  
Provider name: SNP

Clinical Notes : Telehealth Parasite screen, ? Worms

**Faeces 1**

**Specimen** Faeces  
**Appearance** Unformed stool

**Parasite Concentration** No ova, cysts or parasites seen

Nematode culture No larvae (Strongyloides/Hookworm) detected  
**Culture** No pathogens isolated

Comments: 668023623

No adult worms or segments of worms were detected.  
Negative for Salmonella, Shigella, Campylobacter, Aeromonas,  
Vibrio spp. and Yersinia enterocolitica.

BG

**FINAL REPORT - Updated on 21/07/2022 at 10:36**

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

Tests Completed: Faeces PCR ,Faeces 1 MCS/OCF  
Tests Pending :  
Sample Pending :

~~~~~  
Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668023272
Medicare Number: 2536151055
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668023272-C-C140
Requested: Wednesday, 8 June 2022
Performed: Thursday, 7 July 2022
Test name: S-ROUTINE CHEMISTRY
Provider name: SNP

Clinical Notes : Telehealth Abnormal ELFT 3 week follow-up

Chemistry (serum)

Date	18/02/22	02/06/22	07/07/22		
Time F-Fast	1039	0755 F	0804		
Lab Id.	664901063	668198036	668023272	Units	Reference
Sodium	138	139	136	mmol/L	(135-145)
Potassium	4.4	4.3	3.7	mmol/L	(3.5-5.5)
Chloride	105	107	102	mmol/L	(95-110)
Bicarbonate	26	25	27	mmol/L	(20-32)
Anion Gap	7	7	7	mmol/L	(<16)
Calcium (Corr.)	2.28	2.27	2.32	mmol/L	(2.10-2.60)

Phosphate	1.14	1.25	1.29	mmol/L	(0.80-1.50)
Urea	7.3 H	6.0	6.4	mmol/L	(2.5-7.0)
Urate	0.357	0.354	0.368	mmol/L	(0.150-0.400)
Creatinine	75	75	82	umol/L	(45-85)
eGFR	83	83	75		(>59)
Fast. Glucose		5.3		mmol/L	(3.6-6.0)
Random Glucose	5.6		7.2	mmol/L	(3.6-7.7)
Total Protein	72	72	73	g/L	(64-81)
Albumin	41	41	40	g/L	(33-46)
Globulin	31	31	33	g/L	(23-43)
T Bilirubin	10	10	12	umol/L	(<16)
ALP	60	60	60	U/L	(20-105)
AST	17	20	21	U/L	(10-35)
ALT	23	31 H	35 H	U/L	(5-30)
GGT	12	15	19	U/L	(5-35)
LDH	131	128	130	U/L	(120-250)
Cholesterol	5.2	4.8	4.7	mmol/L	(<5.6)
Haemolysis Index	3	5	2		(<40)

CA

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

Tests Completed: E/LFT

Tests Pending :

Sample Pending :

~~~~~

Start Patient : SARKIS, GEORGINA  
 2/40 CHELTENHAM DR, ROBINA 4226  
 Birthdate: 24/10/1976 Age: 45 Y Sex: F  
 Telephone: 0412139380  
 Your Reference : 78617000  
 SNP Reference : 668198041  
 Medicare Number: 2536151055  
 Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Microbiology

Referred by : Dr Corne Mare  
 Addressee : Dr Corne Mare 233933NW  
 Lab. Reference: 668198041-M-M210  
 Requested: Wednesday, 1 June 2022  
 Performed: Friday, 3 June 2022  
 Test name: URINE MCS1  
 Provider name: SNP

Clinical Notes : Telehealth Urine screen

#### Urine - Microscopy/Culture/Sensitivity

|                  |                                  |
|------------------|----------------------------------|
| Specimen type    | Urine                            |
| pH               | 6                                |
| Protein          | Nil                              |
| Glucose          | Nil                              |
| Specific Gravity | 1.017 (1.005 - 1.030)            |
| Leucocytes       | <10 x 10 <sup>6</sup> /L ( <10 ) |
| Erythrocytes     | <10 x 10 <sup>6</sup> /L ( <20 ) |
| Squam Epi Cells  | <10 x 10 <sup>6</sup> /L         |

Culture Culture proceeding

AM

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

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

Tests Completed:

Tests Pending : M. genitalium PCR,C trach PCR,N gono PCR,Urine MCS  
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198041
Medicare Number: 2536151055
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198041-D-D104
Requested: Wednesday, 1 June 2022
Performed: Friday, 3 June 2022
Test name: GEN MYCOPLASMA PCR1
Provider name: SNP

Clinical Notes : Telehealth Urine screen

Genital Mycoplasma PCR

Site	Urine
Mycoplasma genitalium DNA	Not Detected
Macrolide Resistance Mutation	Not Detected

Comments on Collection 668198041

No M.genitalium detected
PCR testing targeting the organism's nucleic acid sequence
performed.
For further enquiries regarding these results please contact
Dr Jenny Robson or Dr Sarah Cherian (07 33778534).

MA

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

Tests Completed: M. genitalium PCR,C trach PCR,N gono PCR,Urine MCS
Tests Pending :
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668198041  
Medicare Number: 2536151055  
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668198041-D-D353  
Requested: Wednesday, 1 June 2022  
Performed: Friday, 3 June 2022  
Test name: C TRACHOMATIS PCR  
Provider name: SNP

Clinical Notes : Telehealth Urine screen

**Chlamydia trachomatis PCR**

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668198041  
Medicare Number: 2536151055  
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Microbiology  
Referred by : Dr Corne Mare



Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668198041-M-M210  
Requested: Wednesday, 1 June 2022  
Performed: Friday, 3 June 2022  
Test name: URINE MCS1  
Provider name: SNP

Clinical Notes : Telehealth Urine screen

**Urine - Microscopy/Culture/Sensitivity**

|                  |                                  |
|------------------|----------------------------------|
| Specimen type    | Urine                            |
| pH               | 6                                |
| Protein          | Nil                              |
| Glucose          | Nil                              |
| Specific Gravity | 1.017 (1.005 - 1.030)            |
| Leucocytes       | <10 x 10 <sup>6</sup> /L ( <10 ) |
| Erythrocytes     | <10 x 10 <sup>6</sup> /L ( <20 ) |
| Squam Epi Cells  | <10 x 10 <sup>6</sup> /L         |

Culture No pathogens isolated

MICROAB

**FINAL REPORT - Updated on 04/06/2022 at 07:52**

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

Tests Completed: Urine MCS  
Tests Pending : M. genitalium PCR,C trach PCR,N gono PCR  
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Robinson, Langguth (07)3377 8666 Immunology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-I-I903
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: S-PROTEIN STUDIES
Provider name: SNP

Clinical Notes : Telehealth General screen

Protein Studies

Immunoglobulin G (Total IgG)	12.70 g/L (5.76 - 15.36)
Immunoglobulin M (Total IgM)	1.38 g/L (0.48 - 3.1)

IA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,FBE,ESR,IgG,IgM,Herpes,Varicella Serology
Tests Pending : Selenium,IgE,PB T&B cells
Sample Pending :

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-C-H245
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: .ANAEMIA
Provider name: SNP

Clinical Notes : Telehealth General screen

Haematinics

Iron	13	umol/L	(5 - 30)
Transferrin	2.4	g/L	(1.9 - 3.1)
TIBC	60	umol/L	(47 - 77)
Saturation	22	%	(20 - 45)
Ferritin	65	ug/L	(30 - 300)
CRP	0.6	mg/L	(<5)
Vitamin B12	554	pmol/L	(>150)

Comments on Lab Id: 668198036

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: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology
Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells
Sample Pending :

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-E-E725
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: S- THYROID ANTIBODIES
Provider name: SNP

Clinical Notes : Telehealth General screen

Thyroid Antibodies

Thyroid Peroxidase Ab	<3	IU/mL	(	<6	)
Thyroglobulin Ab	<3	IU/mL	(	<4	)

Comments on Collection 668198036

Thyroid Antibodies: Levels up to 100 IU/mL can occur in normal subjects (5% of males, 15% of females - mainly elderly) and may also occur in non-thyroid autoimmune and chromosomal disorders.

Raised levels may occur in prodromal hypothyroidism before TSH elevations occur and may also be seen in thyrotoxicosis, thyroiditis, non-toxic goitre and thyroid cancer. The levels seen in Graves' Disease and Hashimoto's can vary from normal up to >1000, but are usually elevated.

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology

Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668198036  
Medicare Number: 2536151055  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668198036-E-E030  
Requested: Wednesday, 1 June 2022  
Performed: Thursday, 2 June 2022  
Test name: S- THYROID FUNCTION  
Provider name: SNP

Clinical Notes : Telehealth General screen

**Thyroid Function Tests**

|         |      |        |   |            |   |
|---------|------|--------|---|------------|---|
| Free T4 | 10.7 | pmol/L | ( | 9.0 - 19.0 | ) |
| Free T3 | 3.8  | pmol/L | ( | 2.6 - 6.0  | ) |
| TSH     | 1.4  | mIU/L  | ( | 0.3 - 3.5  | ) |

Comments on Collection 668198036

Euthyroid

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,  
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology

Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
2/40 CHELTENHAM DR,ROBINA 4226

Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Serology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-S-S090
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: S-HERPES SIMPLEX SEROL
Provider name: SNP

Clinical Notes : Telehealth General screen

Herpes simplex Serology

Herpes Simplex 1 IgG (CLIA) Positive
Herpes Simplex 2 IgG (CLIA) Positive

Comments on Collection 668198036

Antibodies to both HSV-1 and HSV-2 detected.
The most likely explanation is that orofacial HSV-1 was acquired
in childhood, with later acquisition of genital HSV-2. A positive
test does not imply that the person is infectious, although
individuals may shed the virus asymptomatically or from
unrecognised lesions from time to time. In symptomatic patients,
a swab of the lesion for detection of HSV DNA by PCR is the
diagnostic method of choice.
HSV Western Blot testing is no longer available.

SA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology
Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells
Sample Pending :

~~~~~

Start Patient :            SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976      Age: 45 Y      Sex: F  
Telephone: 0412139380  
Your Reference :            78617000  
SNP Reference :            668198036  
Medicare Number:        2536151055  
Phone Enquiries:        Drs Robson, Cherian, Harrison      (07)3377 8666 Serology

Referred by :            Dr Corne Mare  
Addressee :            Dr Corne Mare                            233933NW  
Lab. Reference: 668198036-S-S252  
Requested: Wednesday, 1 June 2022  
Performed: Thursday, 2 June 2022  
Test name: S-VARICELLA ZOSTER SER  
Provider name: SNP

Clinical Notes : Telehealth General screen

**Varicella zoster Serology**

Varicella zoster IgG (CLIA)            Positive

Comments on Collection 668198036

Immune status: Positive

If clinical illness is suspected Varicella zoster is best diagnosed by swabbing the base of a lesion firmly for detection of VZV DNA by PCR (plain black dry swab).

SA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,  
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology

Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA

2/40 CHELTENHAM DR,ROBINA 4226

Birthdate: 24/10/1976 Age: 45 Y Sex: F

Telephone: 0412139380

Your Reference : 78617000

SNP Reference : 668198036

Medicare Number: 2536151055

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

Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW

Lab. Reference: 668198036-E-E405

Requested: Wednesday, 1 June 2022

Performed: Thursday, 2 June 2022

Test name: S-VITAMIN D

Provider name: SNP

Clinical Notes : Telehealth General screen

25 Hydroxy Vitamin D

25-OH Vitamin D 123 nmol/L (50 - 150)

Comments on Collection 668198036

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,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,FBE,ESR,Herpes,Varicella Serology

Tests Pending : Selenium,IgG,IgM,IgE,PB T&B cells

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA

2/40 CHELTENHAM DR,ROBINA 4226

Birthdate: 24/10/1976 Age: 45 Y Sex: F

Telephone: 0412139380

Your Reference : 78617000

SNP Reference : 668198036

Medicare Number: 2536151055

Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare  
 Addressee : Dr Corne Mare 233933NW  
 Lab. Reference: 668198036-H-H050  
 Requested: Wednesday, 1 June 2022  
 Performed: Thursday, 2 June 2022  
 Test name: ESR  
 Provider name: SNP

Clinical Notes : Telehealth General screen

| Date        | 18/02/22  | 02/06/22  |       |           |
|-------------|-----------|-----------|-------|-----------|
| Time F-Fast | 1039      | 0755 F    |       |           |
| Lab Id.     | 664901063 | 668198036 | Units | Reference |
| ESR         | 5         | 7         | mm/h  | (1-12)    |
| HA          |           |           |       |           |

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

Tests Completed: CRP,E/LFT,FBE,ESR  
 Tests Pending : Iron Studies,Selenium,TFT ,Vitamin B12,Vitamin D,  
 Thyroid Abs,IgG,IgM,IgE,PB T&B cells,Herpes,Varicella Serology  
 Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
 2/40 CHELTENHAM DR,ROBINA 4226
 Birthdate: 24/10/1976 Age: 45 Y Sex: F
 Telephone: 0412139380
 Your Reference : 78617000
 SNP Reference : 668198036
 Medicare Number: 2536151055
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare
 Addressee : Dr Corne Mare 233933NW
 Lab. Reference: 668198036-C-C140
 Requested: Wednesday, 1 June 2022
 Performed: Thursday, 2 June 2022
 Test name: S-ROUTINE CHEMISTRY
 Provider name: SNP

Clinical Notes : Telehealth General screen

Chemistry (serum)

Date	18/02/22	02/06/22		
Time F-Fast	1039	0755 F		
Lab Id.	664901063	668198036	Units	Reference
Sodium	138	139	mmol/L	(135-145)
Potassium	4.4	4.3	mmol/L	(3.5-5.5)
Chloride	105	107	mmol/L	(95-110)
Bicarbonate	26	25	mmol/L	(20-32)
Anion Gap	7	7	mmol/L	(<16)
Calcium (Corr.)	2.28	2.27	mmol/L	(2.10-2.60)
Phosphate	1.14	1.25	mmol/L	(0.80-1.50)
Urea	7.3 H	6.0	mmol/L	(2.5-7.0)
Urate	0.357	0.354	mmol/L	(0.150-0.400)
Creatinine	75	75	umol/L	(45-85)
eGFR	83	83		(>59)
Fast. Glucose		5.3	mmol/L	(3.6-6.0)
Random Glucose	5.6		mmol/L	(3.6-7.7)

Total Protein	72	72	g/L	(64-81)
Albumin	41	41	g/L	(33-46)
Globulin	31	31	g/L	(23-43)
T Bilirubin	10	10	umol/L	(<16)
ALP	60	60	U/L	(20-105)
AST	17	20	U/L	(10-35)
ALT	23	31 H	U/L	(5-30)
GGT	12	15	U/L	(5-35)
LDH	131	128	U/L	(120-250)
Cholesterol	5.2	4.8	mmol/L	(<5.6)
Haemolysis Index	3	5		(<40)

CA

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

Tests Completed: CRP,E/LFT,FBE,ESR

Tests Pending : Iron Studies,Selenium,TFT ,Vitamin B12,Vitamin D,
Thyroid Abs,IgG,IgM,IgE,PB T&B cells,Herpes,Varicella Serology

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA

2/40 CHELTENHAM DR,ROBINA 4226

Birthdate: 24/10/1976 Age: 45 Y Sex: F

Telephone: 0412139380

Your Reference : 78617000

SNP Reference : 668198036

Medicare Number: 2536151055

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

Referred by : Dr Corne Mare

Addressee : Dr Corne Mare 233933NW

Lab. Reference: 668198036-C-C290

Requested: Wednesday, 1 June 2022

Performed: Thursday, 2 June 2022

Test name: S-C REACTIVE PROTEIN

Provider name: SNP

Clinical Notes : Telehealth General screen

#### C Reactive Protein

CRP 0.6 mg/L ( <5 )

Comments on Lab Id: 668198036

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

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

Tests Completed: CRP,E/LFT,FBE,ESR

Tests Pending : Iron Studies,Selenium,TFT ,Vitamin B12,Vitamin D,  
Thyroid Abs,IgG,IgM,IgE,PB T&B cells,Herpes,Varicella Serology

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA

2/40 CHELTENHAM DR,ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-H-H900
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth General screen

Haematology

Date	18/02/22	02/06/22		
Time F-Fast	1039	0755 F		
Lab Id.	664901063	668198036	Units	Reference
Haemoglobin	142	139	g/L	(115-165)
Haematocrit	0.43	0.43		(0.35-0.47)
RCC	4.5	4.5	10*12/L	(3.9-5.6)
MCV	95	96	fL	(80-100)
WCC	5.0	5.2	10*9/L	(3.5-12.0)
Neutrophils	2.70	2.42	10*9/L	(1.5-8.0)
Lymphocytes	1.96	2.26	10*9/L	(1.0-4.0)
Monocytes	0.30	0.41	10*9/L	(0-0.9)
Eosinophils	0.04	0.04	10*9/L	(0-0.6)
Basophils	0.03	0.04	10*9/L	(0-0.15)
Platelets	215	223	10*9/L	(150-400)

HA

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

Tests Completed: FBE

Tests Pending : Iron Studies,CRP,Selenium,E/LFT,TFT ,Vitamin B12,
Vitamin D,Thyroid Abs,ESR,IgG,IgM,IgE,PB T&B cells,
Herpes,Varicella Serology

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668198036  
Medicare Number: 2536151055  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668198036-C-B096  
Requested: Wednesday, 1 June 2022  
Performed: Thursday, 2 June 2022  
Test name: \_SELENIUM VIRTUAL  
Provider name: SNP

Clinical Notes : Telehealth General screen

#### Selenium



Selenium-plasma H 1.8 umol/L ( 0.7 - 1.4 )

Comments on Lab Id: 668198036

Toxic effects due to selenium have been reported at concentrations higher than 5 umol/L; however toxicity is dependent on the chemical form (species) of selenium present. Inorganic forms of selenium such as selenite and selenate are more toxic than organic forms such as selenomethionine or selenocysteine which can be found in meat and dairy products, cereals, seafood, and nuts. Sullivan Nicolaides Pathology does not currently offer selenium speciation. Diagnosis of selenium toxicity is based on clinical signs and symptoms, and is supported by laboratory results.

Early signs of acute toxicity include hypotension and tachycardia. Common symptoms include nausea, vomiting, diarrhoea, abdominal pain, tremor, muscle spasms, restlessness, confusion, delirium, and coma. Chronic selenium toxicity (selenosis) is often characterised by alopecia, peripheral neuropathy, and nail changes (namely brittleness, with white spots or longitudinal streaks on the surface). Nail breaks can also occur, which may grow back deformed. As selenosis progresses, decreased cognitive function, weakness, paralysis, and death can occur. A strong garlic-like odour is usually present in both acute and chronic toxicity; this is due to a volatile metabolite called dimethylselenide.

For further information please contact Dr. Lee Price (phone 07 33778672) or Dr. David Kanowski (phone 07 33778779).

MD

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

Tests Completed: Iron Studies, CRP, Selenium, E/LFT, TFT, Vitamin B12,  
Vitamin D, Thyroid Abs, FBE, ESR, IgG, IgM, IgE,  
PB T&B cells, Herpes, Varicella Serology

Tests Pending :

Sample Pending :

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Start Patient : SARKIS, GEORGINA
2/40 CHELTENHAM DR, ROBINA 4226
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 668198036
Medicare Number: 2536151055
Phone Enquiries: Drs Robinson, Langguth (07) 3377 8666 Immunology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 668198036-I-I935
Requested: Wednesday, 1 June 2022
Performed: Thursday, 2 June 2022
Test name: LYMPHOCYTE SUBSETS
Provider name: SNP

Clinical Notes : Telehealth General screen

Peripheral Blood Lymphocyte Surface Markers

White Cell Count		5.20	x10 ⁹ /L	(3.5 - 12.0)
Lymphocytes		2.26	x10 ⁹ /L	(1.0 - 4.0)
T Cells CD3	87.3 %	1.97	x10 ⁹ /L	(0.75 - 2.50)
T Helper CD4	60.3 %	1.36	x10 ⁹ /L	(0.50 - 1.90)
T Suppressor CD8	22.0 %	0.50	x10 ⁹ /L	(0.21 - 1.2)
CD4/CD8 Ratio		2.74		(0.8 - 4.0)
NK Cells CD16+/CD3-	3.4 %	0.08	x10 ⁹ /L	(0.05 - 0.60)
B Cells CD19	8.8 %	0.20	x10 ⁹ /L	(0.05 - 0.60)
B Cells CD20	8.8 %	0.20	x10 ⁹ /L	(0.05 - 0.60)

Comments on Lab Id: 668198036

Normal lymphocyte subpopulations.

BB

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

Tests Completed: Iron Studies,CRP,Selenium,E/LFT,TFT ,Vitamin B12,
Vitamin D,Thyroid Abs,FBE,ESR,IgG,IgM,IgE,
PB T&B cells,Herpes,Varicella Serology

Tests Pending :
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA  
2/40 CHELTENHAM DR,ROBINA 4226  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 668198036  
Medicare Number: 2536151055  
Phone Enquiries: Drs Robinson, Langguth (07)3377 8666 Immunology

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 668198036-I-K500  
Requested: Wednesday, 1 June 2022  
Performed: Thursday, 2 June 2022  
Test name: S-ALLERGY TESTING  
Provider name: SNP

Clinical Notes : Telehealth General screen

| Allergy Serology             | kU/L | Class          |
|------------------------------|------|----------------|
| Immunoglobulin E (Total IgE) | 51   | kIU/L ( <100 ) |

Comments on Lab Id: 668198036

Elevated total IgE is present in many patients with atopic diseases  
(asthma, eczema, allergic rhinitis) and some parasitic infections.

IA

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

Tests Completed: Iron Studies,CRP,E/LFT,TFT ,Vitamin B12,Vitamin D,  
Thyroid Abs,FBE,ESR,IgG,IgM,IgE,Herpes,Varicella Serology

Tests Pending : Selenium,PB T&B cells  
Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
10 YARRAOWEE DRV,NERANG 4211
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 664901063
Medicare Number: 2536151054
Phone Enquiries: Drs Kanowski, Price (07)3377 8666 Chemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 664901063-E-E199
Requested: Saturday, 29 January 2022
Performed: Friday, 18 February 2022
Test name: S- FERTILITY HORMONES
Provider name: SNP

Clinical Notes : Telehealth Hormonal Screen

Gonadal Hormones

FSH	5	IU/L
LH	4	IU/L
Oestradiol	297	pmol/L
Progesterone	29	nmol/L

Reference Limits	FSH IU/L	LH IU/L	Oestradiol pmol/L	Progesterone 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

Comments on Collection 664901063

Falsely elevated Abbott oestradiol levels may be seen in patients on fulvestrant (FASLODEX) or mifepristone (MIFEGYNE, MIFEPRE) therapies. This elevation can be observed in patients treated with mifepristone for up to two weeks post treatment.

CE

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

Tests Completed: E/LFT, LH, FSH, Oestradiol, Progesterone, Homocysteine, FBE, ESR

Tests Pending :

Sample Pending :

~~~~~

Start Patient : SARKIS, GEORGINA  
10 YARRAOWEE DRV, NERANG 4211  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 664901063  
Medicare Number: 2536151054  
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 664901063-H-H050  
Requested: Saturday, 29 January 2022  
Performed: Friday, 18 February 2022  
Test name: ESR  
Provider name: SNP

Clinical Notes : Telehealth Hormonal Screen

**Haematology**

|     |   |      |            |
|-----|---|------|------------|
| ESR | 5 | mm/h | ( 1 - 12 ) |
|-----|---|------|------------|

HA

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

Tests Completed: E/LFT, LH, FSH, Oestradiol, Homocysteine, FBE, ESR

Tests Pending : Progesterone

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
10 YARRAOWEE DRV,NERANG 4211
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 664901063
Medicare Number: 2536151054
Phone Enquiries: Drs Kanowski, Price, Harrison (07)3377 8666 Chemistry

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 664901063-C-C140
Requested: Saturday, 29 January 2022
Performed: Friday, 18 February 2022
Test name: S-ROUTINE CHEMISTRY
Provider name: SNP

Clinical Notes : Telehealth Hormonal Screen

Sodium	138	mmol/L	(135 - 145)
Potassium	4.4	mmol/L	(3.5 - 5.5)
Chloride	105	mmol/L	(95 - 110)
Bicarbonate	26	mmol/L	(20 - 32)
Anion Gap	7	mmol/L	(<16)
Calcium (Corrected)	2.28	mmol/L	(2.10 - 2.60)
Phosphate	1.14	mmol/L	(0.80 - 1.50)
Urea	H 7.3	mmol/L	(2.5 - 7.0)
Uric Acid	0.357	mmol/L	(0.150 - 0.400)
Creatinine	75	umol/L	(45 - 85)
eGFR	83		(>59)
Random Glucose	5.6	mmol/L	(3.6 - 7.7)
Total Protein	72	g/L	(64 - 81)
Albumin	41	g/L	(33 - 46)
Globulin	31	g/L	(23 - 43)
Bilirubin	10	umol/L	(<16)
Alk Phos	60	U/L	(20 - 105)
AST	17	U/L	(10 - 35)
ALT	23	U/L	(5 - 30)
Gamma GT	12	U/L	(5 - 35)
LDH	131	U/L	(120 - 250)
Cholesterol	5.2	mmol/L	(<5.6)
Haemolysis Index	3		(<40)

Comments on Lab Id: 664901063

CA

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

Tests Completed: E/LFT,LH,FSH,Oestradiol,Homocysteine,FBE,ESR

Tests Pending : Progesterone

Sample Pending :

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Start Patient : SARKIS,GEORGINA  
10 YARRAOWEE DRV,NERANG 4211  
Birthdate: 24/10/1976 Age: 45 Y Sex: F  
Telephone: 0412139380  
Your Reference : 78617000  
SNP Reference : 664901063  
Medicare Number: 2536151054  
Phone Enquiries: Drs Kanowski, Price (07)3377 8666 Chemistry

Referred by : Dr Corne Mare  
Addressee : Dr Corne Mare 233933NW  
Lab. Reference: 664901063-E-E310  
Requested: Saturday, 29 January 2022  
Performed: Friday, 18 February 2022  
Test name: S-HOMOCYSTEINE

Provider name: SNP

Clinical Notes : Telehealth Hormonal Screen

**Homocysteine**

Homocysteine 8.9 umol/L ( <15 )

Comments on Collection 664901063

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

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

Tests Completed: E/LFT,LH,FSH,Oestradiol,Homocysteine,FBE,ESR

Tests Pending : Progesterone

Sample Pending :

~~~~~

Start Patient : SARKIS,GEORGINA
10 YARRAOWEE DRV,NERANG 4211
Birthdate: 24/10/1976 Age: 45 Y Sex: F
Telephone: 0412139380
Your Reference : 78617000
SNP Reference : 664901063
Medicare Number: 2536151054
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Corne Mare
Addressee : Dr Corne Mare 233933NW
Lab. Reference: 664901063-H-H900
Requested: Saturday, 29 January 2022
Performed: Friday, 18 February 2022
Test name: .BLOOD COUNT
Provider name: SNP

Clinical Notes : Telehealth Hormonal Screen

Haematology

Haemoglobin	142	g/L	(115 - 165)
Haematocrit	0.43		(0.35 - 0.47)
Red cell count	4.5	10*12/L	(3.9 - 5.6)
MCV	95	fL	(80 - 100)
White cell count	5.0	10*9/L	(3.5 - 12.0)
Neutrophils	2.70	10*9/L	(1.5 - 8.0)
Lymphocytes	1.96	10*9/L	(1.0 - 4.0)
Monocytes	0.30	10*9/L	(0 - 0.9)
Eosinophils	0.04	10*9/L	(0 - 0.6)
Basophils	0.03	10*9/L	(0 - 0.15)
Platelets	215	10*9/L	(150 - 400)

Comments on Lab Id: 664901063

HA

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

Tests Completed: FBE

Tests Pending : E/LFT,LH,FSH,Oestradiol,Progesterone,Homocysteine,ESR
Sample Pending :

~~~~~

Name: Sarkis, Georgina  
Address: PO Box 497  
          Nerang. 4211  
D.O.B.: 24/10/1976 Gender: F  
Medicare No: 25361510541  
IHI No:  
Lab. Reference: 29302  
Date Requested: 18/01/2022  
Addressee: DR CORNE MARE  
Referred by: DR GRAEME WALKER  
Collected: 18/01/2022 11:38  
Specimen:  
Test Name: PRIVATE  
Clinical information:  
Copies to: Dr ANELISA DE SOUZA Dr CORNE MARE  
Requested: Tuesday, 18 January 2022  
Performed: Tuesday, 18 January 2022  
Test name: PRIVATE  
Provider name: Embrace Gynaecology

Clinical History and observation Findings

Thursday 13 Jan 2022

Dr Graeme Walker  
Gold Coast Private Hospital  
GC Private Hospital Specialist Suites  
Ground Floor  
14 Hill Street  
Southport QLD 4215

Dear Graeme,

**Re: Mrs Georgina Sarkis, 24/10/76, PO Box 497, Nerang 4211**

I saw this lovely woman as part of her post operative care. Georgina had a total laparoscopic hysterectomy + bilateral salpingectomy (with ovarian conservation) with mini-laparotomy for specimen. She is recovering well 4 weeks after her procedure.

Final peritoneal cytology was consistent with benign cells. Histopathology was consistent with a multifibroid uterus with the fibroid notes as suspicious on imaging displaying hydropic degeneration without any suspicious histopathological concerns.

Thanks very much indeed for you valuable referral. Georgina will contact us if any concerns. I have advised her that she does not need ongoing vault screening (as per the cervical screening guidelines). However, if she wishes to self fund vault smears, I would not recommend any for at least 5 years due to her recent negative co-test. I have also suggested she could our women's health physio for PFE from 3/12 post-op.

With my kind regards,

Helen Green  
MBBS, FRANZCOG, CGO  
Provider Number: 5089386Y

**Referral Info**

|                 |               |
|-----------------|---------------|
| Referral Status | Pending       |
| Priority        | Routine       |
| Referral reason | Event Summary |

~~~~~

Start Patient : SARKIS,GEORGINA

U 2 40 CHELTENHAM DR, ROBINA QLD 4226
Birthdate: 24/10/1976 Age: Y45 Sex: F
Telephone:

Your Reference :
QML Reference : 21-67970519
Medicare Number: 2536151054
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE
Addressee : MARE, DR. CORNE 233933NW
Lab. Reference: 21-67970519-CMM-0
Requested: Sunday, 7 November 2021
Performed: Monday, 8 November 2021
Test name: MASTER LYMPHOMA/LEUKAEMIA
Provider name: QML Pathology

CELL SURFACE MARKER ANALYSIS

Specimen Submitted : Peripheral blood
Population Reported: Standard Lymphoid Phenotype Reported.

T CELL LINEAGE		B CELL LINEAGE	
CD 7	84 %	CD19	12 %
CD 2	87 %	CD20	12 %
CD 5	82 %	SmIg	12 %
CD 3	81 %	kappa	7 %
CD 4	59 %	lambda	5 %
CD 8	18 %		
CD56	5 %		
CD16	6 %		
CD4:8	3.2		

Total Lymphocyte Count	1.9	x10 ^9 /L	(1.1-4.0)
Subsets:			
CD19+ Total B Cells	0.22	x10 ^9 /L	(0.06-0.60)
CD3+ Mature T Cells	1.51	x10 ^9 /L	(0.80-2.40)
CD4+ T Cell Subset	1.10	x10 ^9 /L	(0.50-1.60)
CD8+ T Cell Subset	0.34	x10 ^9 /L	(0.20-1.00)
CD56+ NK Cells	0.09	x10 ^9 /L	(0.07-0.60)
CD16+ NK Cells	0.11	x10 ^9 /L	

Comment:
B cell and T cell subset numbers are within normal limits.

The majority of lymphoid cells are T cells. The B cells present are polyclonal. There is no evidence of a B cell lymphoproliferative disorder.

Dr P. Davidson [Haematologist]

C11-365; BE03515

Tests Completed:CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH
Tests Completed:LEUKAEMIA MARKER STUDIES, FBC, ACTIVE VITAMIN B12, SE E/LFT, SE ZINC
Tests Completed:SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR, SE COPPER
Tests Pending :

~~~~~

Start Patient : SARKIS, GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE

Addressee : MARE, DR. CORNE 233933NW  
 Lab. Reference: 21-67970519-TMM-0  
 Requested: Sunday, 7 November 2021  
 Performed: Monday, 8 November 2021  
 Test name: TUMOUR MARKER MASTER  
 Provider name: QML Pathology

CA 19-9 (Siemens) 26 U/mL (< 30)

CA19-9 is associated with mucinous epithelium, and may be elevated with inflammation or Neoplasia.

Tests Completed: CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH, FBC, SE E/LFT  
 Tests Completed: SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR  
 Tests Pending : LEUKAEMIA MARKER STUDIES, ACTIVE VITAMIN B12, SE ZINC, SE COPPER

Start Patient : SARKIS, GEORGINA  
 U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
 Birthdate: 24/10/1976 Age: Y45 Sex: F  
 Telephone:

Your Reference :  
 QML Reference : 21-67970519  
 Medicare Number: 2536151054  
 Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE  
 Addressee : MARE, DR. CORNE 233933NW  
 Lab. Reference: 21-67970519-FHM-0  
 Requested: Sunday, 7 November 2021  
 Performed: Monday, 8 November 2021  
 Test name: FERTILITY HORMONE MASTER  
 Provider name: QML Pathology

|                              |                  |               |                              |
|------------------------------|------------------|---------------|------------------------------|
| Luteinizing Hormone          | 9                | IU/L          |                              |
| Follicle Stimulating Hormone | 5                | IU/L          |                              |
| Oestradiol                   | 310              | pmol/L        |                              |
| Progesterone                 | 26               | nmol/L        |                              |
| Sex Hormone Binding Globulin | 78               | nmol/L        | (18-114)                     |
| Ranges:                      | Follicular Phase | Midcycle Peak | Luteal Phase Post-Menopausal |
| LH                           | 2 - 12           | 10 - 130      | 1 - 17 15 - 60               |
| FSH                          | 1 - 10           | 3 - 33        | 1 - 9 20 - 140               |
| Oestradiol                   | 70 - 530         | 230 - 1310    | 200 - 790 < 120              |
| Progesterone                 | < 5              | rising        | 20 - 110 < 3                 |

Pattern suggests normal Luteal phase with ovulation likely to have occurred.

Tests Completed: IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH, FBC, SE E/LFT, SE VIT D  
 Tests Completed: SE HOMOCYSTEINE, SE CEA, ESR  
 Tests Pending : CA19-9, LEUKAEMIA MARKER STUDIES, ACTIVE VITAMIN B12, SE ZINC  
 Tests Pending : SE COPPER



Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-CEA-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: CARCINOEMBRYONIC ANTIGEN  
Provider name: QML Pathology

CUMULATIVE SERUM CARCINOEMBRYONIC ANTIGEN (CEA)

|        |          |          |
|--------|----------|----------|
| Date   | 30/09/21 | 08/11/21 |
| Time   | 08:10    | 06:55    |
| Lab No | 67086815 | 67970519 |

|     |       |       |                  |
|-----|-------|-------|------------------|
| CEA | < 0.5 | < 0.5 | ug/L (up to 4.6) |
|-----|-------|-------|------------------|

CEA is elevated in over 50% of gastrointestinal malignancies and in some lung and breast malignancies. It is occasionally increased (up to 10 ug/L) in some non-malignant conditions.

Tests Completed: IRON STUDIES, FBC, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR  
Tests Pending : CA19-9, SHBG, PROGESTERONE, E2, LH, FSH, LEUKAEMIA MARKER STUDIES  
Tests Pending : ACTIVE VITAMIN B12, SE ZINC, SE COPPER

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-25T-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: E/LFT (MASTER)  
Provider name: QML Pathology

SERUM CHEMISTRY - RANDOM

|              |      |        |                  |
|--------------|------|--------|------------------|
| - Sodium     | 136  | mmol/L | (137-147)        |
| Potassium    | 4.2  | mmol/L | (3.5-5.0)        |
| Chloride     | 108  | mmol/L | (96-109)         |
| Bicarbonate  | 26   | mmol/L | (25-33)          |
| Other Anions | 6    | mmol/L | (4-17)           |
| Glucose      | 6.4  | mmol/L | random (3.0-7.7) |
| Urea         | 5.5  | mmol/L | (2.0-7.0)        |
| Creatinine   | 82   | umol/L | (40-110)         |
| eGFR         | 74   | mL/min | (over 59)        |
| ++ Uric Acid | 0.41 | mmol/L | (0.14-0.35)      |

|                      |      |        |                  |
|----------------------|------|--------|------------------|
| Total Bilirubin      | 16   | umol/L | (2-20)           |
| Alk. Phos.           | 57   | U/L    | (30-115)         |
| Gamma G.T.           | 13   | U/L    | (0-45)           |
| ALT                  | 44   | U/L    | (0-45)           |
| AST                  | 32   | U/L    | (0-41)           |
| LD                   | 145  | U/L    | (80-250)         |
| Calcium              | 2.37 | mmol/L | (2.15-2.60)      |
| Adjusted for Albumin | 2.38 | mmol/L | (2.15-2.60)      |
| Phosphate            | 1.2  | mmol/L | (0.8-1.5)        |
| Total Protein        | 68   | g/L    | (60-82)          |
| Albumin              | 42   | g/L    | (35-50)          |
| Globulins            | 26   | g/L    | (20-40)          |
| Cholesterol          | 4.8  | mmol/L | (3.6-6.9)        |
| Triglycerides        | 1.0  | mmol/L | random (0.3-4.0) |

Tests Completed: IRON STUDIES, FBC, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR  
 Tests Pending : CA19-9, SHBG, PROGESTERONE, E2, LH, FSH, LEUKAEMIA MARKER STUDIES  
 Tests Pending : ACTIVE VITAMIN B12, SE ZINC, SE COPPER

Start Patient : SARKIS, GEORGINA  
 U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
 Birthdate: 24/10/1976 Age: Y45 Sex: F  
 Telephone:

Your Reference :  
 QML Reference : 21-67970519  
 Medicare Number: 2536151054  
 Phone Enquiries: (07) 3121 4555

Referred By : MARE, DR. CORNE  
 Addressee : MARE, DR. CORNE 233933NW  
 Lab. Reference: 21-67970519-HOM-0  
 Requested: Sunday, 7 November 2021  
 Performed: Monday, 8 November 2021  
 Test name: HOMOCYSTEINE, SERUM  
 Provider name: QML Pathology

CUMULATIVE SERUM HOMOCYSTEINE  
 Date 08/11/21  
 Time 06:55  
 Lab No 67970519

Homocysteine 11.3 umol/L (0.0-15.0)

67970519 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: IRON STUDIES, FBC, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR  
 Tests Pending : CA19-9, SHBG, PROGESTERONE, E2, LH, FSH, LEUKAEMIA MARKER STUDIES  
 Tests Pending : ACTIVE VITAMIN B12, SE ZINC, SE COPPER

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-VD-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: VITAMIN D,SERUM  
Provider name: QML Pathology

CUMULATIVE SERUM VITAMIN D

|            |          |                   |
|------------|----------|-------------------|
| Date       | 27/03/21 | 08/11/21          |
| Time       | 10:15    | 06:55             |
| Lab No     | 69916821 | 67970519          |
| Vitamin D3 | 70       | 127 nmol/L (> 49) |

67970519

\*\* Progress report.

Please note that as of 05/07/2021, QML Pathology changed to the Liaison XL analyser for Vitamin D testing at our Murrarie laboratory. Comparison studies have shown good agreement between the methods and the reference intervals have not changed. If further information is required, please contact a Chemical Pathologist on (07) 3121 4444. Patients should contact their referring doctor in regard to this result.

Tests Completed:IRON STUDIES, FBC, SE VIT D, ESR  
Tests Pending :CA19-9, SHBG, PROGESTERONE, E2, LH, FSH, LEUKAEMIA MARKER STUDIES  
Tests Pending :ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE HOMOCYSTEINE, SE CEA  
Tests Pending :SE COPPER

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-ISM-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: MASTER IRON STUDIES  
Provider name: QML Pathology

IRON STUDIES

|                        |           |          |
|------------------------|-----------|----------|
| Serum Iron             | 24 umol/L | (10-33)  |
| Transferrin IBC        | 50 umol/L | (45-70)  |
| Transferrin Saturation | 48 %      | (16-50)  |
| Serum Ferritin Assay   | 59 ug/L   | (25-290) |

Tests Completed:IRON STUDIES, FBC, ESR

Tests Pending :CA19-9, SHBG, PROGESTERONE, E2, LH, FSH, LEUKAEMIA MARKER STUDIES  
Tests Pending :ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HOMOCYSTEINE  
Tests Pending :SE CEA, SE COPPER

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-ESR-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: ERYTHROCYTE SEDIMENT RATE  
Provider name: QML Pathology

Erythrocyte Sedimentation Rate 5 mm/hr (1-20)

Tests Completed:FBC, ESR  
Tests Pending :CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH  
Tests Pending :LEUKAEMIA MARKER STUDIES, ACTIVE VITAMIN B12, SE E/LFT, SE ZINC  
Tests Pending :SE VIT D, SE HOMOCYSTEINE, SE CEA, SE COPPER

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-CBC-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: MASTER FULL BLOOD COUNT  
Provider name: QML Pathology

#### FULL BLOOD EXAMINATION

|                       |      |                          |             |
|-----------------------|------|--------------------------|-------------|
| Haemoglobin           | 134  | g/L                      | (115-160)   |
| Red Cell Count        | 4.3  | x10 <sup>12</sup> /L     | (3.6-5.2)   |
| Haematocrit           | 0.41 |                          | (0.33-0.46) |
| Mean Cell Volume      | 97   | fL                       | (80-98)     |
| Mean Cell Haemoglobin | 32   | pg                       | (27-35)     |
| Platelet Count        | 206  | x10 <sup>9</sup> /L      | (150-450)   |
| White Cell Count      | 4.9  | x10 <sup>9</sup> /L      | (4.0-11.0)  |
| Neutrophils           | 52 % | 2.5 x10 <sup>9</sup> /L  | (2.0-7.5)   |
| Lymphocytes           | 38 % | 1.9 x10 <sup>9</sup> /L  | (1.1-4.0)   |
| Monocytes             | 8 %  | 0.4 x10 <sup>9</sup> /L  | (0.2-1.0)   |
| Eosinophils           | 1 %  | 0.05 x10 <sup>9</sup> /L | (0.04-0.40) |
| Basophils             | 1 %  | 0.05 x10 <sup>9</sup> /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.

All haematology parameters are within normal limits for age and sex.

\*\* FINAL REPORT - Please destroy previous report \*\*

Tests Completed:FBC  
Tests Pending :CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH  
Tests Pending :LEUKAEMIA MARKER STUDIES, ACTIVE VITAMIN B12, SE E/LFT, SE ZINC  
Tests Pending :SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR, SE COPPER

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Start Patient : SARKIS,GEORGINA
U 2 40 CHELTENHAM DR, ROBINA QLD 4226
Birthdate: 24/10/1976 Age: Y45 Sex: F
Telephone:

Your Reference :
QML Reference : 21-67970519
Medicare Number: 2536151054
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE
Addressee : MARE,DR. CORNE 233933NW
Lab. Reference: 21-67970519-ZN-0
Requested: Sunday, 7 November 2021
Performed: Monday, 8 November 2021
Test name: ZINC,SERUM
Provider name: QML Pathology

Serum Zinc 15 umol/L (10-25)

Tests Completed:CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH, FBC
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HOMOCYSTEINE
Tests Completed:SE CEA, ESR, SE COPPER
Tests Pending :LEUKAEMIA MARKER STUDIES

~~~~~

Start Patient : SARKIS,GEORGINA  
U 2 40 CHELTENHAM DR, ROBINA QLD 4226  
Birthdate: 24/10/1976 Age: Y45 Sex: F  
Telephone:

Your Reference :  
QML Reference : 21-67970519  
Medicare Number: 2536151054  
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE  
Addressee : MARE,DR. CORNE 233933NW  
Lab. Reference: 21-67970519-CU-0  
Requested: Sunday, 7 November 2021  
Performed: Monday, 8 November 2021  
Test name: COPPER,SERUM  
Provider name: QML Pathology

Serum Copper 15 umol/L (10-45)

Tests Completed:CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH, FBC

Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR  
Tests Completed:SE COPPER  
Tests Pending :LEUKAEMIA MARKER STUDIES, SE ZINC

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Start Patient : SARKIS,GEORGINA
U 2 40 CHELTENHAM DR, ROBINA QLD 4226
Birthdate: 24/10/1976 Age: Y45 Sex: F
Telephone:

Your Reference :
QML Reference : 21-67970519
Medicare Number: 2536151054
Phone Enquiries: (07) 3121 4555

Referred By : MARE,DR. CORNE
Addressee : MARE,DR. CORNE 233933NW
Lab. Reference: 21-67970519-BFM-0
Requested: Sunday, 7 November 2021
Performed: Monday, 8 November 2021
Test name: MASTER VITAMIN B12 FOLATE
Provider name: QML Pathology

Holo TC Assay > 146 pmol/L (> 40)

Comment:

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.

Due to a change in Active B12 methodology the reference interval has been adjusted and results from 26/7/2021 will be a little higher than those from previous tests.
We have adjusted the interpretation criteria to take this into account.

Tests Completed:CA19-9, IRON STUDIES, SHBG, PROGESTERONE, E2, LH, FSH, FBC
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE CEA, ESR
Tests Pending :LEUKAEMIA MARKER STUDIES, SE ZINC, SE COPPER

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