



Please notify this clinic of any appointment times we offer clients assistance with co-ordination and transport.

We can support Telehealth where appropriate.

14/1/2025

Re:

Miss Ellen Nicolson
32 Beatrice St
ATHERTON QLD 4883
Phone: 0417044290
Date of Birth: 27/9/2005
Medicare No.: 4216 25868 2 / 3

Recent Investigations

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATHERTON 4883
Birthdate: 27/09/2005 Age: 19 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 531756693
Medicare Number: 4216258682
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 531756693-C-H245
Requested: Tuesday, 15 October 2024
Performed: Tuesday, 15 October 2024
Test name: .ANAEMIA
Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

Haematinics

Date Time Lab Id.	Latest Results				Reference	Units
	09-Jan-24 1638 686694144	08-Mar-24 1315 516864317	31-Jul-24 1412 686381643	15-Oct-24 1520 531756693		
Iron	14	8	20	15	(5-30)	umol/L
Transferrin	3.4 H	3.3 H	3.7 H	3.8 H	(1.9-3.1)	g/L
TIBC	85 H	83 H	94 H	95 H	(47-77)	umol/L
Trans Sat	16 L	10 L	21	16 L	(20-45)	%
Ferritin	16 L	20 L	40	51	(30-250)	ug/L
CRP		1.8	1.3	2.5	(<5)	mg/L
Vitamin B12		302			(>150)	pmol/L
Active B12	114	71			(>35)	pmol/L
Folate serum	31	26			(>7.0)	nmol/L

Miss Ellen Nicolson, 27/9/2005

Comments on Collection 15-Oct-24 1520:

Iron Studies

The normal ferritin implies normal iron stores. However, a normal ferritin level may be seen in iron deficient patients who have recently taken oral iron, or who have an intercurrent illness causing ferritin elevation.

CA

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

Tests Completed: Iron Studies,CRP,E/LFT,FBE,CMV,EBV,Toxoplasma

Tests Pending :

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
32 BEATRICE STREET,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 19 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 531756693  
Medicare Number: 4216258682  
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Serology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 531756693-S-S047  
Requested: Tuesday, 15 October 2024  
Performed: Tuesday, 15 October 2024  
Test name: S- CMV SEROLOGY  
Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

**Cytomegalovirus (CMV) Serology**

CMV IgG (CLIA) Positive  
CMV IgM (CLIA) Negative

Comments on Collection 531756693

Serological evidence of past exposure to CMV.

SA

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

Tests Completed: Iron Studies,CRP,E/LFT,FBE,CMV,EBV,Toxoplasma

Tests Pending :

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN
32 BEATRICE STREET,ATHERTON 4883
Birthdate: 27/09/2005 Age: 19 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 531756693
Medicare Number: 4216258682
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Serology

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 531756693-S-S070
Requested: Tuesday, 15 October 2024

Miss Ellen Nicolson, 27/9/2005

Performed: Tuesday, 15 October 2024
Test name: S-EPSTEIN-BARR
Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

Epstein-Barr Virus (EBV) Serology

EBV VCA IgM (CLIA)	Negative
EBV NA IgG (CLIA)	Positive

Comments on Collection 531756693

Serological evidence of past infection with Epstein-Barr virus (EBV).
VCA IgM usually persists for only 1-3 months following onset of infection.

SA

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

Tests Completed: Iron Studies,CRP,E/LFT,FBE,CMV,EBV,Toxoplasma
Tests Pending :
Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
32 BEATRICE STREET,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 19 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 531756693  
Medicare Number: 4216258682  
Phone Enquiries: Drs Robson, Cherian, Harrison (07)3377 8666 Serology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 531756693-S-S242  
Requested: Tuesday, 15 October 2024  
Performed: Tuesday, 15 October 2024  
Test name: S-TOXOPLASMA SEROL  
Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

**Toxoplasma Serology**

|                       |          |
|-----------------------|----------|
| Toxoplasma IgG (CLIA) | Negative |
| Toxoplasma IgM (CLIA) | Negative |

Comments on Collection 531756693

No antibodies to Toxoplasma detected.  
This result may indicate:  
1.No exposure to Toxoplasma.  
2.Early infection with Toxoplasma. A recollection in 10-14 days  
is recommended.

SA

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

Tests Completed: Iron Studies,CRP,E/LFT,FBE,CMV,EBV,Toxoplasma  
Tests Pending :  
Sample Pending :

# Miss Ellen Nicolson, 27/9/2005

Start Patient : NICOLSON, ELLEN  
 32 BEATRICE STREET, ATHERTON 4883  
 Birthdate: 27/09/2005 Age: 19 Y Sex: F  
 Telephone: 0417044290  
 Your Reference : 6219000  
 SNP Reference : 531756693  
 Medicare Number: 4216258682  
 Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
 Addressee : Dr Sarah Lord 478567DF  
 Lab. Reference: 531756693-C-C140  
 Requested: Tuesday, 15 October 2024  
 Performed: Tuesday, 15 October 2024  
 Test name: S-ROUTINE CHEMISTRY  
 Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

## Chemistry (serum)

| Date<br>Time<br>Lab Id. | Latest Results                 |                                |                                |                                | Reference     | Units  |
|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------|--------|
|                         | 09-Jan-24<br>1638<br>686694144 | 08-Mar-24<br>1315<br>516864317 | 31-Jul-24<br>1412<br>686381643 | 15-Oct-24<br>1520<br>531756693 |               |        |
| Sodium                  | 137                            | 138                            | 138                            | 139                            | (135-145)     | mmol/L |
| Potassium               | 3.8                            | 4.1                            | 3.6                            | 3.8                            | (3.5-5.5)     | mmol/L |
| Chloride                | 106                            | 104                            | 106                            | 105                            | (95-110)      | mmol/L |
| Bicarbonate             | 25                             | 26                             | 24                             | 23                             | (20-32)       | mmol/L |
| Anion Gap               | 6                              | 8                              | 8                              | 11 <b>14.8</b>                 | (<16)         | mmol/L |
| Calcium (Corr.)         | 2.20                           | 2.30                           | 2.33                           | 2.35                           | (2.10-2.60)   | mmol/L |
| Phosphate               | 1.40                           | 1.17                           | 1.07                           | 1.40                           | (0.80-1.50)   | mmol/L |
| Urea                    | 5.7                            | 3.4                            | 3.1                            | 4.1                            | (2.5-6.5)     | mmol/L |
| Urate                   | 0.268                          | 0.267                          | 0.268                          | 0.238                          | (0.150-0.400) | mmol/L |
| Creatinine              | 59                             | 61                             | 60                             | 59                             | (45-85)       | umol/L |
| eGFR                    | >90                            | >90                            | >90                            | >90                            | (>59)         |        |
| Random Glucose          | 4.9                            | 4.4                            | 6.1                            | 4.2                            | (3.6-7.7)     | mmol/L |
| Total Protein           | 80                             | 76                             | 79                             | 83 H                           | (64-81)       | g/L    |
| Albumin                 | 45                             | 44                             | 42                             | 45                             | (33-46)       | g/L    |
| Globulin                | 35                             | 32                             | 37                             | 38                             | (23-43)       | g/L    |
| T Bilirubin             | 10                             | 10                             | 12                             | 11                             | (<16)         | umol/L |
| ALP                     | 37 L                           | 38 L                           | 32 L                           | 32                             | (20-105)      | U/L    |
| AST                     | 15                             | 14                             | 29                             | 33                             | (10-35)       | U/L    |
| ALT                     | 10                             | 9                              | 43 H                           | 46 H                           | (5-30)        | U/L    |
| GGT                     | 16                             | 15                             | 27                             | 30                             | (5-35)        | U/L    |
| LD                      | 176                            | 151                            | 167                            | 175                            | (<250)        | U/L    |
| Cholesterol             | 4.0                            | 3.9                            | 4.5                            | 4.9                            | (<5.6)        | mmol/L |
| Triglyceride            |                                |                                | 0.6                            |                                | (<2.1)        | mmol/L |
| Haemolysis Index        | 5                              | 2                              | <1                             | 2                              | (<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 : Iron Studies, CMV, EBV, Toxoplasma  
 Sample Pending :

Start Patient : NICOLSON, ELLEN  
 32 BEATRICE STREET, ATHERTON 4883  
 Birthdate: 27/09/2005 Age: 19 Y Sex: F

## Miss Ellen Nicolson, 27/9/2005

Telephone: 0417044290

Your Reference : 6219000

SNP Reference : 531756693

Medicare Number: 4216258682

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

Referred by : Dr Sarah Lord

Addressee : Dr Sarah Lord 478567DF

Lab. Reference: 531756693-C-C290

Requested: Tuesday, 15 October 2024

Performed: Tuesday, 15 October 2024

Test name: S-C REACTIVE PROTEIN

Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

|         |  | Latest Results |           |           |                 |
|---------|--|----------------|-----------|-----------|-----------------|
| Date    |  | 08-Mar-24      | 31-Jul-24 | 15-Oct-24 |                 |
| Time    |  | 1315           | 1412      | 1520      |                 |
| Lab Id. |  | 516864317      | 686381643 | 531756693 | Reference Units |
| CRP     |  | 1.8            | 1.3       | 2.5       | (<5) mg/L       |

Comments on Collection 15-Oct-24 1520:

C Reactive Protein

CRP is a more sensitive early indicator of an acute phase response than is ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

If CRP is elevated, it can indicate disease activity of an inflammatory, infective or neoplastic nature.

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 : Iron Studies,CMV,EBV,Toxoplasma

Sample Pending :

Start Patient : NICOLSON,ELLEN

32 BEATRICE STREET,ATHERTON 4883

Birthdate: 27/09/2005 Age: 19 Y Sex: F

Telephone: 0417044290

Your Reference : 6219000

SNP Reference : 531756693

Medicare Number: 4216258682

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

Referred by : Dr Sarah Lord

Addressee : Dr Sarah Lord 478567DF

Lab. Reference: 531756693-H-H900

Requested: Tuesday, 15 October 2024

Performed: Tuesday, 15 October 2024

Test name: .BLOOD COUNT

Provider name: SNP

Clinical Notes : lymphadenopathy, - recent contact EBV

### Haematology

|      |  | Latest Results |           |
|------|--|----------------|-----------|
| Date |  | 09-Jan-24      | 15-Oct-24 |

Miss Ellen Nicolson, 27/9/2005

| Time               | 1638      | 1315      | 1412      | 1520      |             |         |
|--------------------|-----------|-----------|-----------|-----------|-------------|---------|
| Lab Id.            | 686694144 | 516864317 | 686381643 | 531756693 | Reference   | Units   |
| <b>Haemoglobin</b> | 124       | 128       | 131       | 135       | (115-165)   | g/L     |
| Haematocrit        | 0.37      | 0.40      | 0.40      | 0.39      | (0.35-0.47) |         |
| RCC                | 4.3       | 4.5       | 4.5       | 4.5       | (3.9-5.6)   | 10*12/L |
| MCV                | 85        | 88        | 89        | 86        | (80-100)    | fL      |
| <b>WCC</b>         | 6.6       | 5.8       | 5.9       | 8.2       | (3.5-12.0)  | 10*9/L  |
| Neutrophils        | 3.75      | 3.45      | 3.28      | 4.93      | (1.5-8.0)   | 10*9/L  |
| Lymphocytes        | 2.32      | 1.77      | 2.05      | 2.59      | (1.0-4.0)   | 10*9/L  |
| Monocytes          | 0.34      | 0.47      | 0.30      | 0.50      | (0-0.9)     | 10*9/L  |
| Eosinophils        | 0.12      | 0.09      | 0.20      | 0.13      | (0-0.6)     | 10*9/L  |
| Basophils          | 0.05      | 0.05      | 0.07      | 0.06      | (0-0.15)    | 10*9/L  |
| <b>Platelets</b>   | 208       | 224       | 200       | 228       | (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,CRP,E/LFT,CMV,EBV,Toxoplasma

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN
 32 BEATRICE STREET,ATHERTON 4883
 Birthdate: 27/09/2005 Age: 18 Y Sex: F
 Telephone: 0417044290
 Your Reference : 6219000
 SNP Reference : 686381643
 Medicare Number: 4216258682
 Phone Enquiries: Dr Corrine Wallace (07)4053 0700

Referred by : Dr Sarah Lord
 Addressee : Dr Sarah Lord 478567DF
 Lab. Reference: 686381643-E-E227
 Requested: Monday, 29 July 2024
 Performed: Wednesday, 31 July 2024
 Test name: S- HCG
 Provider name: SNP

Clinical Notes : dysmenorrhea

Human Chorionic Gonadotrophin Assays

hCG (Abbott) <2 IU/L

Comments on Collection 686381643

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.

MT

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

Miss Ellen Nicolson, 27/9/2005

Tests Completed: hCG (Abbott)
Tests Pending : HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg,
HepC-IgG, HIV Ag/Ab, Syphilis Serology, HbA1c, FBE
Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Patient name: NICOLSON, ELLEN  
32 BEATRICE STREET  
ATHERTON, 4883  
Date of birth: 27/09/2005  
Gender: F

Medicare No.: 4216258682  
Lab. Reference: 686381643-V-V244  
Requested By: DR SARAH J LORD  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: .HBA1C GRAPH  
Provider name: SNP

|                                  |                         |                                         |
|----------------------------------|-------------------------|-----------------------------------------|
| Start Patient :                  | NICOLSON, ELLEN         | <b>.HbA1c Graph</b>                     |
| 32 BEATRICE STREET, ATERTON 4883 |                         | <b>Lab. Reference:</b> 686381643-V-V244 |
| Birthdate: 27/09/2005            | Age: 18 Y Sex: F        | <b>Requested:</b> 29/07/2024            |
| Telephone: 0417044290            |                         | <b>Complete:</b> Final                  |
| Your Reference :                 | 6219000                 | <b>Collected:</b> 31/07/2024            |
| SNP Reference :                  | 686381643               | <b>SNP</b>                              |
| Medicare Number:                 | 4216258682              |                                         |
| Phone Enquiries:                 | Results: (07) 3377      |                                         |
| 8555                             | General: (07) 3377 8666 |                                         |

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord  
478567DF  
Lab. Reference: 686381643-V-V244

Clinical Notes : dysmenorrhea

SS

### PDF Image Enhanced Report

A PDF version of this report with images is available until 01-08-2025. Copy and paste the URL below into your web browser and use PIN 3053 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=F16C2ECF-EFDB-42F5-83ED-10B9C4AB9105&hostCode=SNP&shareType=1>

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg,  
HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology,  
hCG (Abbott), HbA1c, FBE  
Tests Pending :  
Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686381643

Miss Ellen Nicolson, 27/9/2005

Medicare Number: 4216258682
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 686381643-H-E416
Requested: Monday, 29 July 2024
Performed: Wednesday, 31 July 2024
Test name: HbA1c
Provider name: SNP

Clinical Notes : dysmenorrhea

HbA1c

				Latest Results		
Date	28-Oct-22	26-May-23	08-Mar-24	31-Jul-24		
Time	1544	1133	1315	1412		
Lab Id.	669649212	683543397	516864317	686381643	Reference	Units
HbA1c (NGSP)	5.4	5.1	5.1	5.1	(<6.5)	%
HbA1c (IFCC)	35	33	33	33	(<48)	mmol/mol

Comments on Collection 31-Jul-24 1412:

Control zones for diabetes management

	NGSP (%)	IFCC (mmol/mol)
Very good control *	<6.1	<43
Good control	6.1 - 7.0	43 - 53
Suboptimal control	7.1 - 8.0	54 - 64
Poor control	8.1 - 9.0	65 - 75
Very poor control	>9.0	>75

In patients with a significant risk of adverse outcome from hypoglycaemia (children <16 and adults >70 years), higher target values may be appropriate.

An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

PDF Image Enhanced Report

A PDF version of this report with images is available until 01-08-2025. Copy and paste the URL below into your web browser and use PIN 7648 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=E474E1E6-52D9-4B46-94FC-3A6D03BFFB48&hoStCode=SNP&shareType=1>

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg, HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology, hCG (Abbott), HbA1c, FBE

Tests Pending :

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Start Patient : NICOLSON, ELLEN  
32 BEATRICE STREET, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686381643  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry  
  
Referred by : Dr Sarah Lord



## Miss Ellen Nicolson, 27/9/2005

Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 686381643-C-H245  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: .ANAEMIA  
Provider name: SNP

Clinical Notes : dysmenorrhea

### Haematinics

|              |           |           |           | Latest Results |           |                 |
|--------------|-----------|-----------|-----------|----------------|-----------|-----------------|
| Date         | 16-Oct-23 | 09-Jan-24 | 08-Mar-24 | 31-Jul-24      |           |                 |
| Time         | 1625      | 1638      | 1315      | 1412           |           |                 |
| Lab Id.      | 519113769 | 686694144 | 516864317 | 686381643      |           | Reference Units |
| Iron         | 9         | 14        | 8         | 20             | (5-30)    | umol/L          |
| Transferrin  | 3.1       | 3.4 H     | 3.3 H     | 3.7 H          | (1.9-3.1) | g/L             |
| TIBC         | 78 H      | 85 H      | 83 H      | 94 H           | (47-77)   | umol/L          |
| Trans Sat    | 12 L      | 16 L      | 10 L      | 21             | (20-45)   | %               |
| Ferritin     | 23 L      | 16 L      | 20 L      | 40             | (30-250)  | ug/L            |
| CRP          |           |           | 1.8       | 1.3            | (<5)      | mg/L            |
| Vitamin B12  |           |           | 302       |                | (>150)    | pmol/L          |
| Active B12   |           | 114       | 71        |                | (>35)     | pmol/L          |
| Folate serum |           | 31        | 26        |                | (>7.0)    | nmol/L          |

Comments on Collection 31-Jul-24 1412:

Iron Studies

The elevated Transferrin may indicate borderline low iron stores despite the low normal ferritin. Suggest repeat iron studies with serum CRP.

CA

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg,  
HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology,  
hCG (Abbott), FBE

Tests Pending : HbA1c

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

Start Patient : NICOLSON, ELLEN  
32 BEATRICE STREET, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686381643  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 686381643-E-E140  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: S- HEPATITIS ABC  
Provider name: SNP

Clinical Notes : dysmenorrhea

### Hep ABC

|         |           |           |           | Latest Results |           |       |
|---------|-----------|-----------|-----------|----------------|-----------|-------|
| Date    | 28-Oct-22 | 08-Mar-24 | 31-Jul-24 |                |           |       |
| Time    | 1544      | 1315      | 1412      |                |           |       |
| Lab Id. | 669649212 | 516864317 | 686381643 |                | Reference | Units |

Miss Ellen Nicolson, 27/9/2005

|          |          |          |          |      |
|----------|----------|----------|----------|------|
| HepBsAg  | Negative | Negative | Negative |      |
| HepBsAb  | Negative |          |          |      |
| HepBsAb  | <5       |          |          | IU/L |
| HepC-IgG | Negative | Negative | Negative |      |

Comments on Collection 31-Jul-24 1412:

Hepatitis C IgG may not appear for up to six (6) months after primary infection.

If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.

For further information on serological events in acute (self-limiting) Hepatitis B infection see

<http://protocols.sonichealthcare.com/shared/IP129.pdf>

EA

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg, HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology, hCG (Abbott), FBE

Tests Pending : HbA1c

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

Start Patient : NICOLSON, ELLEN  
32 BEATRICE STREET, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686381643  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07) 3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 686381643-E-E117  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: S- HIV 1/2  
Provider name: SNP

Clinical Notes : dysmenorrhea

#### HIV Ag/Ab

|         | Latest Results |           |                           |
|---------|----------------|-----------|---------------------------|
| Date    | 28-Oct-22      | 08-Mar-24 | 31-Jul-24                 |
| Time    | 1544           | 1315      | 1412                      |
| Lab Id. | 669649212      | 516864317 | 686381643 Reference Units |

HIV Ag/Ab Negative Negative Negative

Comments on Collection 31-Jul-24 1412:

HIV-1/HIV-2 antigen/antibody assay performed by Abbott CMIA.

Approximately 50-90% of patients report signs and symptoms suggestive of primary HIV infection at the time of seroconversion, which mostly occurs at 10-14 days after exposure (range 3 days to 10 weeks). Onset of symptoms often coincides with the detection of HIV antigen/antibodies although testing can be negative for up to 3 weeks after symptoms develop. Negative results performed less than 12 weeks after exposure should be repeated at least 12 weeks after exposure to exclude transmission.

EA

## Miss Ellen Nicolson, 27/9/2005

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg,  
HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology,  
hCG (Abbott), FBE

Tests Pending : HbA1c

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686381643
Medicare Number: 4216258682
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 686381643-E-S253
Requested: Monday, 29 July 2024
Performed: Wednesday, 31 July 2024
Test name: S-SYPHILIS VIRTUAL
Provider name: SNP

Clinical Notes : dysmenorrhea

Syphilis Serology

			Latest Results	
Date	28-Oct-22	08-Mar-24	31-Jul-24	
Time	1544	1315	1412	
Lab Id.	669649212	516864317	686381643	Reference Units

Syphilis Antibody Negative Negative Negative

Comments on Collection 31-Jul-24 1412:

No treponemal antibodies detected.

The Syphilis TP Chemiluminescent Microparticle Immunoassay (CMIA) is a screening test for T.pallidum antibodies.

This result may indicate:

1. no exposure to T.pallidum.
2. very early primary syphilis. If risk factors exist a further sample should be tested in 2-3 weeks. In symptomatic patients, a swab of mucocutaneous lesions for the detection of T.pallidum DNA by PCR may be positive before antibody production commences.

Repeat antenatal syphilis screening for high risk subjects should be considered at 28-32 weeks gestation and at delivery.

EA

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, HBsAg,
HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology,
hCG (Abbott), FBE

Tests Pending : HbA1c

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Start Patient : NICOLSON, ELLEN  
32 BEATRICE STREET, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290

## Miss Ellen Nicolson, 27/9/2005

Your Reference : 6219000  
SNP Reference : 686381643  
Medicare Number: 4216258682  
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 686381643-H-H900  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: .BLOOD COUNT  
Provider name: SNP

Clinical Notes : dysmenorrhea

### Haematology

|                    |           |           |           | Latest Results |             |         |
|--------------------|-----------|-----------|-----------|----------------|-------------|---------|
| Date               | 16-Oct-23 | 09-Jan-24 | 08-Mar-24 | 31-Jul-24      |             |         |
| Time               | 1625      | 1638      | 1315      | 1412           |             |         |
| Lab Id.            | 519113769 | 686694144 | 516864317 | 686381643      | Reference   | Units   |
| <b>Haemoglobin</b> | 123       | 124       | 128       | 131            | (115-165)   | g/L     |
| Haematocrit        | 0.38      | 0.37      | 0.40      | 0.40           | (0.35-0.47) |         |
| RCC                | 4.3       | 4.3       | 4.5       | 4.5            | (3.9-5.6)   | 10*12/L |
| MCV                | 88        | 85        | 88        | 89             | (80-100)    | fL      |
| <b>WCC</b>         | 7.0       | 6.6       | 5.8       | 5.9            | (3.5-12.0)  | 10*9/L  |
| Neutrophils        | 3.80      | 3.75      | 3.45      | 3.28           | (1.5-8.0)   | 10*9/L  |
| Lymphocytes        | 2.63      | 2.32      | 1.77      | 2.05           | (1.0-4.0)   | 10*9/L  |
| Monocytes          | 0.39      | 0.34      | 0.47      | 0.30           | (0-0.9)     | 10*9/L  |
| Eosinophils        | 0.18      | 0.12      | 0.09      | 0.20           | (0-0.6)     | 10*9/L  |
| Basophils          | 0.04      | 0.05      | 0.05      | 0.07           | (0-0.15)    | 10*9/L  |
| <b>Platelets</b>   | 217       | 208       | 224       | 200            | (150-400)   | 10*9/L  |

HA

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

Tests Completed: HDL-Cholesterol,CRP,E/LFT,hCG (Abbott),FBE

Tests Pending : Iron Studies,HBSAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,HbA1c

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR,Urine MCS

Start Patient : NICOLSON,ELLEN  
32 BEATRICE STREET,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686381643  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 686381643-C-C140  
Requested: Monday, 29 July 2024  
Performed: Wednesday, 31 July 2024  
Test name: S\_ROUTINE CHEMISTRY  
Provider name: SNP

Clinical Notes : dysmenorrhea

### Chemistry (serum)

### Latest Results

Miss Ellen Nicolson, 27/9/2005

| Date             | 16-Oct-23 | 09-Jan-24 | 08-Mar-24 | 31-Jul-24 |               |        |
|------------------|-----------|-----------|-----------|-----------|---------------|--------|
| Time             | 1625      | 1638      | 1315      | 1412      |               |        |
| Lab Id.          | 519113769 | 686694144 | 516864317 | 686381643 | Reference     | Units  |
| Sodium           |           | 137       | 138       | 138       | (135-145)     | mmol/L |
| Potassium        |           | 3.8       | 4.1       | 3.6       | (3.5-5.5)     | mmol/L |
| Chloride         |           | 106       | 104       | 106       | (95-110)      | mmol/L |
| Bicarbonate      |           | 25        | 26        | 24        | (20-32)       | mmol/L |
| Anion Gap        |           | 6         | 8         | 8         | (<16)         | mmol/L |
| Calcium (Corr.)  |           | 2.20      | 2.30      | 2.33      | (2.10-2.60)   | mmol/L |
| Phosphate        |           | 1.40      | 1.17      | 1.07      | (0.80-1.50)   | mmol/L |
| Urea             |           | 5.7       | 3.4       | 3.1       | (2.5-6.5)     | mmol/L |
| Urate            |           | 0.268     | 0.267     | 0.268     | (0.150-0.400) | mmol/L |
| Creatinine       |           | 59        | 61        | 60        | (45-85)       | umol/L |
| eGFR             |           | >90       | >90       | >90       | (>59)         |        |
| Random Glucose   |           | 4.9       | 4.4       | 6.1       | (3.6-7.7)     | mmol/L |
| Total Protein    |           | 80        | 76        | 79        | (64-81)       | g/L    |
| Albumin          |           | 45        | 44        | 42        | (33-46)       | g/L    |
| Globulin         |           | 35        | 32        | 37        | (23-43)       | g/L    |
| T Bilirubin      |           | 10        | 10        | 12        | (<16)         | umol/L |
| ALP              |           | 37 L      | 38 L      | 32 L      | (45-120)      | U/L    |
| AST              |           | 15        | 14        | 29        | (10-35)       | U/L    |
| ALT              |           | 10        | 9         | 43 H      | (5-30)        | U/L    |
| GGT              |           | 16        | 15        | 27        | (5-35)        | U/L    |
| LDH              |           | 176       | 151       | 167       | (<250)        | U/L    |
| Cholesterol      |           | 4.0       | 3.9       | 4.5       | (<5.6)        | mmol/L |
| Triglyceride     |           |           |           | 0.6       | (<2.1)        | mmol/L |
| Haemolysis Index | 5         | 5         | 2         | <1        | (<40)         | mg/dL  |

CA

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

Tests Completed: HDL-Cholesterol, CRP, E/LFT, hCG (Abbott), FBE

Tests Pending : Iron Studies, HBSAg, HepC-IgG, \_HIV Ag/Ab,  
Syphilis Serology, HbA1c

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR, Urine MCS

~~~~~

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATHONTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686381643
Medicare Number: 4216258682
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 686381643-C-C290
Requested: Monday, 29 July 2024
Performed: Wednesday, 31 July 2024
Test name: S-C REACTIVE PROTEIN
Provider name: SNP

Clinical Notes : dysmenorrhea

	Latest Results					
Date	08-Mar-24	31-Jul-24				
Time	1315	1412				
Lab Id.	516864317	686381643	Reference	Units		
CRP	1.8	1.3	(<5)	mg/L		

Miss Ellen Nicolson, 27/9/2005

Comments on Collection 31-Jul-24 1412:

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: HDL-Cholesterol,CRP,E/LFT,hCG (Abbott),FBE

Tests Pending : Iron Studies,HBsAg,HepC-IgG,_HIV Ag/Ab,
Syphilis Serology,HbA1c

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR,Urine MCS

Start Patient : NICOLSON,ELLEN

32 BEATRICE STREET,ATHERTON 4883

Birthdate: 27/09/2005 Age: 18 Y Sex: F

Telephone: 0417044290

Your Reference : 6219000

SNP Reference : 686381643

Medicare Number: 4216258682

Phone Enquiries: Results: (07)3377 8555 General: (07)3377 8666

Referred by : Dr Sarah Lord

Addressee : Dr Sarah Lord 478567DF

Lab. Reference: 686381643-O-0100

Requested: Monday, 29 July 2024

Performed: Wednesday, 31 July 2024

Test name: TO_FOLLOW

Provider name: SNP

Clinical Notes : dysmenorrhea

The following test(s) could not be performed, as the patient either did not return their self-collect sample(s) or did not return to enable collection of their outstanding tests.

MICROALBUMIN RANDOM

CHLAMYDIA TRACH PCR 1

NEISSERIA GONO PCR 1

TRICHOMONAS VAG PCR 1

URINE MCS1

SS

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

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,HBsAg,
HepC-IgG,_HIV Ag/Ab,HepB Serology,Syphilis Serology,
hCG (Abbott),HbA1c,FBE,TO_FOLLOW

Tests Pending :

Sample Pending :

Start Patient : NICOLSON,ELLEN

34 DALZIEL AVE,ATHERTON 4883

Birthdate: 27/09/2005 Age: 18 Y Sex: F

Telephone: 0417044290

Your Reference : 6219000

SNP Reference : 685761909

Miss Ellen Nicolson, 27/9/2005

Medicare Number: 4216258682
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Louise Manners
Addressee : Dr Louise Manners 437558GF
Lab. Reference: 685761909-D-D171
Requested: Wednesday, 22 May 2024
Performed: Wednesday, 22 May 2024
Test name: .CORONAVIRUSPCR19_ES
Provider name: SNP

Coronavirus RT-PCR - SARS-CoV-2

Site Respiratory
SARS-CoV-2 RNA Not Detected

Comments on Collection 685761909

Failure to detect virus specific nucleic acid does not always exclude SARS-CoV-2 and repeat testing may be indicated if clinical suspicion is high.
This assay is designed to detect the N/S (combined genes) and RdRP gene of SARS-CoV-2 using real time Tagman PCR (real time RT-PCR).
For further enquiries regarding these results please contact Dr Jenny Robson, Dr Sarah Cherian or other clinical microbiologists (07) 33778534.
Testing for SARS-CoV-2 is notifiable on request irrespective of test results.
The respiratory specimen is one or a combination of collections from the throat, deep nose or nasopharynx.

CM

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

Tests Completed: .SARS-CoV-2_ES,Resp Virus PCR
Tests Pending :
Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 685761909  
Medicare Number: 4216258682  
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Louise Manners  
Addressee : Dr Louise Manners 437558GF  
Lab. Reference: 685761909-D-D510  
Requested: Wednesday, 22 May 2024  
Performed: Wednesday, 22 May 2024  
Test name: RESP VIRUS PCR 1  
Provider name: SNP

**Respiratory Virus PCR Testing**

|                                 |              |
|---------------------------------|--------------|
| Site                            | Respiratory  |
| Influenza A RNA                 | Not Detected |
| Influenza B RNA                 | Not Detected |
| Respiratory Syncytial Virus RNA | Not Detected |
| Rhinovirus RNA                  | * Detected   |
| Parainfluenza RNA               | Not Detected |

Miss Ellen Nicolson, 27/9/2005

|                           |              |
|---------------------------|--------------|
| Human Metapneumovirus RNA | Not Detected |
| Adenovirus DNA            | Not Detected |

Comments on Collection 685761909

Testing performed utilising reverse transcriptase real time PCR with the Seegene Respiratory Virus assay(s).  
The Influenza A component targets a conserved region of the matrix gene of Influenza A virus strains including subtypes H1, H3 and H5.  
For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).  
The respiratory specimen is one or a combination of collections from the throat, deep nose or nasopharynx.

ST

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

Tests Completed: .SARS-CoV-2\_ES,Resp Virus PCR  
Tests Pending :  
Sample Pending :

~~~~~

Referred by	:	Dr Sarah Lord	
Addressee	:	Dr Sarah Lord	478567DF
Lab. Reference:	516864317-D-D453		
Requested:	Wednesday, 6 March 2024		
Performed:	Wednesday, 13 March 2024		
Test name:	T VAGINALIS PCR		
Provider name:	SNP		

Clinical Notes : alopecia

Trichomonas vaginalis PCR

Site	Urine
Trichomonas vaginalis DNA	Not Detected

Comments on Collection 516864317

Trichomonas vaginalis DNA has not been detected in this specimen as determined by PCR using specific primer and probe sequences targeting the organisms nucleic acid sequence. The sensitivity of Trichomonas vaginalis detection depends on the quality of the specimen collected. Self-collected vaginal swabs, endocervical swabs, and first pass urine specimens (first 10-20 mL of urine passed) are the preferred samples. Tampon samples should ideally be collected outside menses to prevent blood inhibition of PCR. For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

* Please note TVLCX1 collection date: 13/03/2024 08:50

MA

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

Tests Completed: Iron Studies,CRP,R-U-Alb/Creat,E/LFT,C trach PCR,
N gono PCR,T vag PCR,TSH,Vitamin B12,Folate (Serum),
HBsAg,HepC-IgG,_HIV Ag/Ab,HepB Serology,
Syphilis Serology,Active B12,HbA1c,FBE,ANA
Tests Pending :
Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883



Miss Ellen Nicolson, 27/9/2005

Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-C-C485  
Requested: Wednesday, 6 March 2024  
Performed: Wednesday, 13 March 2024  
Test name: MICROALBUMIN RANDOM  
Provider name: SNP

Clinical Notes : alopecia

| Date<br>Time<br>Lab Id. | Latest Results |           |            | Reference | Units   |
|-------------------------|----------------|-----------|------------|-----------|---------|
|                         | 28-Oct-22      | 26-May-23 | *08-Mar-24 |           |         |
|                         | 1544           | 1133      | 1315       |           |         |
|                         | 669649212      | 683543397 | 516864317  |           |         |
| R-U-Creatinine          | 12.2           | 28.0      | 14.2       |           | mmol/L  |
| R-U-Albumin             | 9              | 25 H      | 35 H       | (<21)     | mg/L    |
| Alb/Creat Ratio         | 0.7            | 0.9       | 2.5        | (0.0-3.6) | mg/mmol |

Comments on Collection \*08-Mar-24 1315:

R-U-Alb/Creat

The Australian Diabetes Society subcommittee on microalbuminuria recommends that albumin excretion rates should be performed annually on all diabetic patients. Abnormality is confirmed if two of three samples collected over a six week period are elevated. Specimens other than first morning collections may occasionally be positive in subjects with orthostatic or exercise induced proteinuria.

\* Please note R-U-Alb/Creat collection date: 13/03/2024 08:50

CA

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

Tests Completed: Iron Studies,CRP,R-U-Alb/Creat,E/LFT,TSH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,Active B12,HbA1c,FBE,ANA  
Tests Pending : C trach PCR,N gono PCR,T vag PCR  
Sample Pending :

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-D-D353  
Requested: Wednesday, 6 March 2024  
Performed: Wednesday, 13 March 2024  
Test name: C TRACHOMATIS PCR  
Provider name: SNP

Clinical Notes : alopecia

**Chlamydia trachomatis PCR**

|                           |              |
|---------------------------|--------------|
| Site                      | Urine        |
| Chlamydia trachomatis DNA | Not Detected |

Comments on Collection 516864317

Chlamydia trachomatis DNA has not been detected by PCR using specific primers and probes targeting cryptic plasmid and the ompA gene. For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

\* Please note CLCX1 collection date: 13/03/2024 08:50

MA

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

Tests Completed: Iron Studies,CRP,R-U-Alb/Creat,E/LFT,C trach PCR,  
N gono PCR,TSH,Vitamin B12,Folate (Serum),HBsAg,  
HepC-IgG, HIV Ag/Ab,HepB Serology,Syphilis Serology,  
Active B12,HbA1c,FBE,ANA

Tests Pending : T vag PCR

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN
34 DALZIEL AVE,ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 516864317
Medicare Number: 4216258682
Phone Enquiries: Dr J Robson (07)3377 8666 Molecular Path

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 516864317-D-D403
Requested: Wednesday, 6 March 2024
Performed: Wednesday, 13 March 2024
Test name: N GONORRHOEAE PCR
Provider name: SNP

Clinical Notes : alopecia

Neisseria gonorrhoeae PCR

Site	Urine
Neisseria gonorrhoeae DNA	Not Detected

Comments on Collection 516864317

Neisseria gonorrhoeae DNA has not been detected in this sample by PCR using specific primers and probes targeting genomic DNA sequences. For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

* Please note GOLCX1 collection date: 13/03/2024 08:50

MA

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

Tests Completed: Iron Studies,CRP,R-U-Alb/Creat,E/LFT,C trach PCR,
N gono PCR,TSH,Vitamin B12,Folate (Serum),HBsAg,
HepC-IgG, HIV Ag/Ab,HepB Serology,Syphilis Serology,
Active B12,HbA1c,FBE,ANA

Miss Ellen Nicolson, 27/9/2005

Tests Pending : T vag PCR
Sample Pending :

~~~~~

Start Patient : NICOLSON, ELLEN  
34 DALZIEL AVE, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-C-H245  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: .ANAEMIA  
Provider name: SNP

Clinical Notes : alopecia

### Haematinics

| Date         | Latest Results |           |           |           | Reference | Units  |
|--------------|----------------|-----------|-----------|-----------|-----------|--------|
|              | 26-May-23      | 16-Oct-23 | 09-Jan-24 | 08-Mar-24 |           |        |
| Time         | 1133           | 1625      | 1638      | 1315      |           |        |
| Lab Id.      | 683543397      | 519113769 | 686694144 | 516864317 |           |        |
| Iron         | 8              | 9         | 14        | 8         | (5-30)    | umol/L |
| Transferrin  | 3.2 H          | 3.1       | 3.4 H     | 3.3 H     | (1.9-3.1) | g/L    |
| TIBC         | 80 H           | 78 H      | 85 H      | 83 H      | (47-77)   | umol/L |
| Trans Sat    | 10 L           | 12 L      | 16 L      | 10 L      | (20-45)   | %      |
| Ferritin     | 12 L           | 23 L      | 16 L      | 20 L      | (30-250)  | ug/L   |
| CRP          |                |           |           | 1.8       | (<5)      | mg/L   |
| Vitamin B12  | 326            |           |           | 302       | (>150)    | pmol/L |
| Active B12   | 60             |           | 114       | 71        | (>35)     | pmol/L |
| Folate serum | 26             |           | 31        | 26        | (>7.0)    | nmol/L |

Comments on Collection 08-Mar-24 1315:

#### Iron Studies

Consistent with iron deficiency. During reproductive years, iron deficiency in women commonly reflects menstrual losses or multiparity. However, a low dietary iron intake should also be considered, and investigation of the GIT for a source of blood loss may be indicated.

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

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

Tests Completed: Iron Studies, CRP, E/LFT, TSH, Vitamin B12,  
Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab,  
HepB Serology, Syphilis Serology, Active B12, HbA1c, FBE

Tests Pending : ANA

## Miss Ellen Nicolson, 27/9/2005

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

P

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-H-E416  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: HbA1c  
Provider name: SNP

Clinical Notes : alopecia

### HbA1c

|              | Latest Results |           |           |           |          |
|--------------|----------------|-----------|-----------|-----------|----------|
| Date         | 28-Oct-22      | 26-May-23 | 08-Mar-24 |           |          |
| Time         | 1544           | 1133      | 1315      |           |          |
| Lab Id.      | 669649212      | 683543397 | 516864317 | Reference | Units    |
| HbA1c (NGSP) | 5.4            | 5.1       | 5.1       | (<6.5)    | %        |
| HbA1c (IFCC) | 35             | 33        | 33        | (<48)     | mmol/mol |

Comments on Collection 08-Mar-24 1315:

Control zones for diabetes management

|                     | NGSP (%)  | IFCC (mmol/mol) |
|---------------------|-----------|-----------------|
| Very good control * | <6.1      | <43             |
| Good control        | 6.1 - 7.0 | 43 - 53         |
| Suboptimal control  | 7.1 - 8.0 | 54 - 64         |
| Poor control        | 8.1 - 9.0 | 65 - 75         |
| Very poor control   | >9.0      | >75             |

In patients with a significant risk of adverse outcome from hypoglycaemia (children <16 and adults >70 years), higher target values may be appropriate.

An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

### PDF Image Enhanced Report

A PDF version of this report with images is available until 09-03-2025. Copy and paste the URL below into your web browser and use PIN 3717 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=C287FCE9-55B3-46A0-9317-3EFB17983603&hostCode=SNP&shareType=1>

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,HbA1c,FBE

Tests Pending : Active B12,ANA

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

Miss Ellen Nicolson, 27/9/2005

Start Patient : NICOLSON, ELLEN  
34 DALZIEL AVE, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-E-E140  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: S- HEPATITIS ABC  
Provider name: SNP

Clinical Notes : alopecia

**Hep ABC**

|                |           | <b>Latest Results</b> |                 |
|----------------|-----------|-----------------------|-----------------|
| <b>Date</b>    | 28-Oct-22 | <b>08-Mar-24</b>      |                 |
| <b>Time</b>    | 1544      | <b>1315</b>           |                 |
| <b>Lab Id.</b> | 669649212 | <b>516864317</b>      | Reference Units |
| HepBsAg        | Negative  | Negative              |                 |
| HepBsAb        | Negative  |                       |                 |
| HepBsAb        | <5        |                       | IU/L            |
| HepC-IgG       | Negative  | Negative              |                 |

Comments on Collection 08-Mar-24 1315:  
Hepatitis C IgG may not appear for up to six (6) months after primary infection.  
If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.

For further information on serological events in acute (self-limiting) Hepatitis B infection see  
<http://protocols.sonichealthcare.com/shared/IP129.pdf>

EA

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

Tests Completed: Iron Studies, CRP, E/LFT, TSH, Vitamin B12,  
Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab,  
HepB Serology, Syphilis Serology, HbA1c, FBE

Tests Pending : Active B12, ANA

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR

Start Patient : NICOLSON, ELLEN  
34 DALZIEL AVE, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-E-E117  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024



## Miss Ellen Nicolson, 27/9/2005

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,HbA1c,FBE  
Tests Pending : Active B12,ANA  
Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

~~~~~

Start Patient : NICOLSON,ELLEN
34 DALZIEL AVE,ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 516864317
Medicare Number: 4216258682
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord
Addressee : Dr Sarah Lord 478567DF
Lab. Reference: 516864317-E-S253
Requested: Wednesday, 6 March 2024
Performed: Friday, 8 March 2024
Test name: S-SYPHILIS VIRTUAL
Provider name: SNP

Clinical Notes : alopecia

Syphilis Serology

	Latest Results	
Date	28-Oct-22	08-Mar-24
Time	1544	1315
Lab Id.	669649212	516864317
	Reference	Units

Syphilis Antibody Negative Negative

Comments on Collection 08-Mar-24 1315:
No treponemal antibodies detected.
The Syphilis TP Chemiluminescent Microparticle Immunoassay (CMIA) is a screening test for T.pallidum antibodies.

This result may indicate:
1. no exposure to T.pallidum.
2. very early primary syphilis. If risk factors exist a further sample should be tested in 2-3 weeks. In symptomatic patients, a swab of mucocutaneous lesions for the detection of T.pallidum DNA by PCR may be positive before antibody production commences.

Repeat antenatal syphilis screening for high risk subjects should be considered at 28-32 weeks gestation and at delivery.

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,
Folate (Serum),HBsAg,HepC-IgG,_HIV Ag/Ab,
HepB Serology,Syphilis Serology,HbA1c,FBE
Tests Pending : Active B12,ANA
Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

~~~~~

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F

## Miss Ellen Nicolson, 27/9/2005

Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-H-H900  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: .BLOOD COUNT  
Provider name: SNP

Clinical Notes : alopecia

### Haematology

| Date        | Latest Results |           |           |           | Reference   | Units   |
|-------------|----------------|-----------|-----------|-----------|-------------|---------|
|             | 26-May-23      | 16-Oct-23 | 09-Jan-24 | 08-Mar-24 |             |         |
| Time        | 1133           | 1625      | 1638      | 1315      |             |         |
| Lab Id.     | 683543397      | 519113769 | 686694144 | 516864317 |             |         |
| Haemoglobin | 124            | 123       | 124       | 128       | (115-165)   | g/L     |
| Haematocrit | 0.38           | 0.38      | 0.37      | 0.40      | (0.35-0.47) |         |
| RCC         | 4.4            | 4.3       | 4.3       | 4.5       | (3.9-5.6)   | 10*12/L |
| MCV         | 86             | 88        | 85        | 88        | (80-100)    | fL      |
| WCC         | 5.1            | 7.0       | 6.6       | 5.8       | (3.5-12.0)  | 10*9/L  |
| Neutrophils | 2.87           | 3.80      | 3.75      | 3.45      | (1.5-8.0)   | 10*9/L  |
| Lymphocytes | 1.67           | 2.63      | 2.32      | 1.77      | (1.0-4.0)   | 10*9/L  |
| Monocytes   | 0.32           | 0.39      | 0.34      | 0.47      | (0-0.9)     | 10*9/L  |
| Eosinophils | 0.22           | 0.18      | 0.12      | 0.09      | (0-0.6)     | 10*9/L  |
| Basophils   | 0.04           | 0.04      | 0.05      | 0.05      | (0-0.15)    | 10*9/L  |
| Platelets   | 212            | 217       | 208       | 224       | (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 : Iron Studies,TSH,Vitamin B12,Folate (Serum),HBsAg,  
HepC-IgG,\_HIV Ag/Ab,Syphilis Serology,HbA1c,ANA  
Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-C-C140  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: S- ROUTINE CHEMISTRY  
Provider name: SNP

Clinical Notes : alopecia

### Chemistry (serum)



| Date<br>Time<br>Lab Id. | Latest Results                 |                                |                                |                                | Reference     | Units  |
|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------|--------|
|                         | 26-May-23<br>1133<br>683543397 | 16-Oct-23<br>1625<br>519113769 | 09-Jan-24<br>1638<br>686694144 | 08-Mar-24<br>1315<br>516864317 |               |        |
| Sodium                  | 139                            |                                | 137                            | 138                            | (135-145)     | mmol/L |
| Potassium               | 3.9                            |                                | 3.8                            | 4.1                            | (3.5-5.5)     | mmol/L |
| Chloride                | 107                            |                                | 106                            | 104                            | (95-110)      | mmol/L |
| Bicarbonate             | 25                             |                                | 25                             | 26                             | (20-32)       | mmol/L |
| Anion Gap               | 7                              |                                | 6                              | 8                              | (<16)         | mmol/L |
| Calcium (Corr.)         | 2.30                           |                                | 2.20                           | 2.30                           | (2.10-2.60)   | mmol/L |
| Phosphate               | 1.15                           |                                | 1.40                           | 1.17                           | (0.80-1.50)   | mmol/L |
| Urea                    | 4.7                            |                                | 5.7                            | 3.4                            | (2.5-6.5)     | mmol/L |
| Urate                   | 0.300                          |                                | 0.268                          | 0.267                          | (0.150-0.400) | mmol/L |
| Creatinine              | 65                             |                                | 59                             | 61                             | (45-85)       | umol/L |
| eGFR                    |                                |                                | >90                            | >90                            | (>59)         |        |
| Random Glucose          | 5.4                            |                                | 4.9                            | 4.4                            | (3.6-7.7)     | mmol/L |
| Total Protein           | 76                             |                                | 80                             | 76                             | (64-81)       | g/L    |
| Albumin                 | 42                             |                                | 45                             | 44                             | (33-46)       | g/L    |
| Globulin                | 34                             |                                | 35                             | 32                             | (23-43)       | g/L    |
| T Bilirubin             | 10                             |                                | 10                             | 10                             | (<16)         | umol/L |
| ALP                     | 39 L                           |                                | 37 L                           | 38 L                           | (45-120)      | U/L    |
| AST                     | 12                             |                                | 15                             | 14                             | (10-35)       | U/L    |
| ALT                     | 9                              |                                | 10                             | 9                              | (5-30)        | U/L    |
| GGT                     | 10                             |                                | 16                             | 15                             | (5-35)        | U/L    |
| LDH                     | 172                            |                                | 176                            | 151                            | (<250)        | U/L    |
| Cholesterol             | 3.3                            |                                | 4.0                            | 3.9                            | (<5.6)        | mmol/L |
| Triglyceride            | 0.6                            |                                |                                |                                | (<2.1)        | mmol/L |
| Haemolysis Index        | 4                              | 5                              | 5                              | 2                              | (<40)         | mg/dL  |

Comments on Collection 08-Mar-24 1315:

E/LFT

Markedly decreased ALP. This can be seen as a result of certain vitamin and trace element abnormalities, hypothyroidism, hypoparathyroidism and also due to certain medications. Hypophosphatasia should also be considered. This rare condition can be investigated with a Vitamin B6 level and urine phosphoethanolamine.

CA

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

Tests Completed: CRP, E/LFT, FBE

Tests Pending : Iron Studies, TSH, Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab, Syphilis Serology, HbA1c, ANA

Sample Pending : R-U-Alb/Creat, C trach PCR, N gono PCR, T vag PCR

~~~~~

Start Patient : NICOLSON, ELLEN

34 DALZIEL AVE, ATHERTON 4883

Birthdate: 27/09/2005 Age: 18 Y Sex: F

Telephone: 0417044290

Your Reference : 6219000

SNP Reference : 516864317

Medicare Number: 4216258682

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

Referred by : Dr Sarah Lord

Addressee : Dr Sarah Lord 478567DF

Lab. Reference: 516864317-C-C290

Requested: Wednesday, 6 March 2024

Performed: Friday, 8 March 2024

Test name: S-C REACTIVE PROTEIN

Provider name: SNP

Miss Ellen Nicolson, 27/9/2005

Clinical Notes : alopecia

C Reactive Protein

CRP 1.8 (<5) mg/L

Comments on Lab Id: 516864317

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 : Iron Studies,TSH,Vitamin B12,Folate (Serum),HBsAg,
HepC-IgG,_HIV Ag/Ab,Syphilis Serology,HbA1c,ANA

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

~~~~~

Start Patient : NICOLSON,ELLEN  
34 DALZIEL AVE,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 516864317  
Medicare Number: 4216258682  
Phone Enquiries: Drs Langguth, Kennedy (07)3377 8666 Immunology

Referred by : Dr Sarah Lord  
Addressee : Dr Sarah Lord 478567DF  
Lab. Reference: 516864317-I-I901  
Requested: Wednesday, 6 March 2024  
Performed: Friday, 8 March 2024  
Test name: S-AUTOANTIBODIES  
Provider name: SNP

Clinical Notes : alopecia

**Autoantibodies**

Anti-Nuclear Abs (ANA) Negative (Titre <1:80)

Comments on Lab Id: 516864317

A negative ANA is seen in normal individuals. Occasionally patients with active SLE have a negative ANA.

RS

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,Active B12,HbA1c,FBE,ANA

Tests Pending :

Sample Pending : R-U-Alb/Creat,C trach PCR,N gono PCR,T vag PCR

Miss Ellen Nicolson, 27/9/2005

Start Patient : NICOLSON, ELLEN  
32 BEATRICE STREET, ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686694144  
Medicare Number: 4216258682  
Phone Enquiries: Drs Langguth, Kennedy (07) 3377 8666 Immunology  
  
Referred by : Dr Andrew Baade  
Addressee : Dr Andrew Baade 447522DK  
Lab. Reference: 686694144-I-I616  
Requested: Tuesday, 9 January 2024  
Performed: Tuesday, 9 January 2024  
Test name: .SURFACE MARKERS PB  
Provider name: SNP

Clinical Notes : Check up previous iron deficiency on  
Replacement, easy burising, lymphadenopathy

**Peripheral Blood Surface Markers**

Lymphocytes comprise 33%.  
T-cells 68% CD4/CD8: 2.4  
B-cells 14% kappa/lambda: 1.9  
NK-cells 14%

Comments on Lab Id: 686694144

Conclusion: There is no immunophenotypic evidence  
of lymphoid malignancy.

AG

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

Tests Completed: Iron Studies, E/LFT, Folate (Serum), Active B12, PFA-200,  
Coag Scr , FBE, PB Surface Markers

Tests Pending :

Sample Pending :

~~~~~

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686694144
Medicare Number: 4216258682
Phone Enquiries: Dr Corrine Wallace (07) 4053 0700

Referred by : Dr Andrew Baade
Addressee : Dr Andrew Baade 447522DK
Lab. Reference: 686694144-F-F090
Requested: Tuesday, 9 January 2024
Performed: Tuesday, 9 January 2024
Test name: BS VIRTUAL
Provider name: SNP

Clinical Notes : Check up previous iron deficiency on
Replacement, easy burising, lymphadenopathy

Bleeding Studies

Miss Ellen Nicolson, 27/9/2005

INR	1.1	(0.8 - 1.2)	
PT	12	(8 - 14)	s
APTT	23	(23 - 38)	s
Fibrinogen	2.48	(1.80 - 4.20)	g/L
Thrombin Clotting Time	15	(13 - 23)	s
Platelet Count	208	(150 - 400)	10 ⁹ /L

Comments on Collection 686694144

General Comment:

If history is strongly suggestive of an hereditary bruising or bleeding tendency, then assays for von Willebrand's disease (Factor VIIIc, VWF Antigen, VWF R.CoF and Collagen Binding Assay), Factor IX and XI are suggested.

BC

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

Tests Completed: E/LFT,Coag Scr ,FBE

Tests Pending : Iron Studies,Folate (Serum),Active B12,PFA-200,PB T&B cells

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
 32 BEATRICE STREET,ATHERTON 4883  
 Birthdate: 27/09/2005 Age: 18 Y Sex: F  
 Telephone: 0417044290  
 Your Reference : 6219000  
 SNP Reference : 686694144  
 Medicare Number: 4216258682  
 Phone Enquiries: Dr Corrine Wallace (07)4053 0700

Referred by : Dr Andrew Baade  
 Addressee : Dr Andrew Baade 447522DK  
 Lab. Reference: 686694144-H-H900  
 Requested: Tuesday, 9 January 2024  
 Performed: Tuesday, 9 January 2024  
 Test name: .BLOOD COUNT  
 Provider name: SNP

Clinical Notes : Check up previous iron deficiency on  
 Replacement, easy burising, lymphadenopathy

Haematology

|                    | Latest Results |           |           |           |             |                     |
|--------------------|----------------|-----------|-----------|-----------|-------------|---------------------|
| Date               | 28-Oct-22      | 26-May-23 | 16-Oct-23 | 09-Jan-24 |             |                     |
| Time               | 1544           | 1133      | 1625      | 1638      |             |                     |
| Lab Id.            | 669649212      | 683543397 | 519113769 | 686694144 | Reference   | Units               |
| <b>Haemoglobin</b> | 122            | 124       | 123       | 124       | (115-165)   | g/L                 |
| Haematocrit        | 0.37           | 0.38      | 0.38      | 0.37      | (0.35-0.47) |                     |
| RCC                | 4.5            | 4.4       | 4.3       | 4.3       | (3.9-5.6)   | 10 <sup>12</sup> /L |
| MCV                | 83             | 86        | 88        | 85        | (80-100)    | fL                  |
| <b>WCC</b>         | 8.4            | 5.1       | 7.0       | 6.6       | (3.5-12.0)  | 10 <sup>9</sup> /L  |
| Neutrophils        | 4.66           | 2.87      | 3.80      | 3.75      | (1.5-8.0)   | 10 <sup>9</sup> /L  |
| Lymphocytes        | 2.63           | 1.67      | 2.63      | 2.32      | (1.0-4.0)   | 10 <sup>9</sup> /L  |
| Monocytes          | 0.44           | 0.32      | 0.39      | 0.34      | (0-0.9)     | 10 <sup>9</sup> /L  |
| Eosinophils        | 0.57           | 0.22      | 0.18      | 0.12      | (0-0.6)     | 10 <sup>9</sup> /L  |
| Basophils          | 0.06           | 0.04      | 0.04      | 0.05      | (0-0.15)    | 10 <sup>9</sup> /L  |
| <b>Platelets</b>   | 225            | 212       | 217       | 208       | (150-400)   | 10 <sup>9</sup> /L  |

BP

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

## Miss Ellen Nicolson, 27/9/2005

Tests Completed: E/LFT,FBE

Tests Pending : Iron Studies,Folate (Serum),Active B12,PFA-200,  
Coag Scr ,PB T&B cells

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN
32 BEATRICE STREET,ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686694144
Medicare Number: 4216258682
Phone Enquiries: Dr Corrine Wallace (07) 4053 0700

Referred by : Dr Andrew Baade
Addressee : Dr Andrew Baade 447522DK
Lab. Reference: 686694144-C-C140
Requested: Tuesday, 9 January 2024
Performed: Tuesday, 9 January 2024
Test name: S-ROUTINE CHEMISTRY
Provider name: SNP

Clinical Notes : Check up previous iron deficiency on
Replacement, easy burising, lymphadenopathy

Chemistry (serum)

Date				Latest Results		Units
	28-Oct-22	26-May-23	16-Oct-23	09-Jan-24	Reference	
Time	1544	1133	1625	1638		
Lab Id.	669649212	683543397	519113769	686694144		
Sodium	137	139		137	(135-145)	mmol/L
Potassium	4.1	3.9		3.8	(3.5-5.5)	mmol/L
Chloride	104	107		106	(95-110)	mmol/L
Bicarbonate	24	25		25	(20-32)	mmol/L
Anion Gap	9	7		6	(<16)	mmol/L
Calcium (Corr.)	2.36	2.30		2.20	(2.10-2.60)	mmol/L
Phosphate	1.62 H	1.15		1.40	(0.80-1.50)	mmol/L
Urea	5.6	4.7		5.7	(2.5-6.5)	mmol/L
Urate	0.263	0.300		0.268	(0.150-0.400)	mmol/L
Creatinine	61	65		59	(45-85)	umol/L
eGFR				>90	(>59)	
Random Glucose	5.0	5.4		4.9	(3.6-7.7)	mmol/L
Total Protein	76	76		80	(64-81)	g/L
Albumin	40	42		45	(33-46)	g/L
Globulin	36	34		35	(23-43)	g/L
T Bilirubin	7	10		10	(<16)	umol/L
ALP	48 L	39 L		37 L	(45-120)	U/L
AST	16	12		15	(10-35)	U/L
ALT	11	9		10	(5-30)	U/L
GGT	12	10		16	(5-35)	U/L
LDH	193	172		176	(<250)	U/L
Cholesterol	3.8	3.3		4.0	(<5.6)	mmol/L
Triglyceride		0.6			(<2.1)	mmol/L
Haemolysis Index	5	4	5	5	(<40)	mg/dL

Comments on Collection 09-Jan-24 1638:

E/LFT

Markedly decreased ALP. This can be seen as a result of certain vitamin and trace element abnormalities, hypothyroidism, hypoparathyroidism and also due to certain medications. Hypophosphatasia should also be considered. This rare condition can be investigated with a Vitamin B6 level and urine phosphoethanolamine.

CA

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

Tests Completed: E/LFT,FBE

Tests Pending : Iron Studies,Folate (Serum),Active B12,PFA-200,
Coag Scr ,PB T&B cells

Sample Pending :

~~~~~

Start Patient : NICOLSON,ELLEN  
32 BEATRICE STREET,ATHERTON 4883  
Birthdate: 27/09/2005 Age: 18 Y Sex: F  
Telephone: 0417044290  
Your Reference : 6219000  
SNP Reference : 686694144  
Medicare Number: 4216258682  
Phone Enquiries: Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

Referred by : Dr Andrew Baade  
Addressee : Dr Andrew Baade 447522DK  
Lab. Reference: 686694144-C-H245  
Requested: Tuesday, 9 January 2024  
Performed: Tuesday, 9 January 2024  
Test name: .ANAEMIA  
Provider name: SNP

Clinical Notes : Check up previous iron deficiency on  
Replacement, easy burising, lymphadenopathy

#### Haematinics

| Date         | Latest Results |           |           |           | Reference | Units  |
|--------------|----------------|-----------|-----------|-----------|-----------|--------|
|              | 28-Oct-22      | 26-May-23 | 16-Oct-23 | 09-Jan-24 |           |        |
| Time         | 1544           | 1133      | 1625      | 1638      |           |        |
| Lab Id.      | 669649212      | 683543397 | 519113769 | 686694144 |           |        |
| Iron         | 11             | 8         | 9         | 14        | (5-30)    | umol/L |
| Transferrin  | 3.3 H          | 3.2 H     | 3.1       | 3.4 H     | (1.9-3.1) | g/L    |
| TIBC         | 82 H           | 80 H      | 78 H      | 85 H      | (47-77)   | umol/L |
| Trans Sat    | 13 L           | 10 L      | 12 L      | 16 L      | (20-45)   | %      |
| Ferritin     | 20 L           | 12 L      | 23 L      | 16 L      | (30-250)  | ug/L   |
| Vitamin B12  |                | 326       |           |           | (>150)    | pmol/L |
| Active B12   |                | 60        |           | 114       | (>35)     | pmol/L |
| Folate serum |                | 26        |           | 31        | (>7.0)    | nmol/L |

Comments on Collection 09-Jan-24 1638:

Iron Studies

Consistent with iron deficiency. During reproductive years, iron deficiency in women commonly reflects menstrual losses or multiparity. However, a low dietary iron intake should also be considered, and investigation of the GIT for a source of blood loss may be indicated.

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

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

Tests Completed: Iron Studies,E/LFT,Folate (Serum),Active B12,PFA-200,  
Coag Scr ,FBE

Tests Pending : PB Surface Markers

Miss Ellen Nicolson, 27/9/2005

Sample Pending :

~~~~~

Start Patient : NICOLSON, ELLEN
32 BEATRICE STREET, ATHERTON 4883
Birthdate: 27/09/2005 Age: 18 Y Sex: F
Telephone: 0417044290
Your Reference : 6219000
SNP Reference : 686694144
Medicare Number: 4216258682
Phone Enquiries: Drs Keng, Rowbotham (07) 3377 8666 Haematology

Referred by : Dr Andrew Baade
Addressee : Dr Andrew Baade 447522DK
Lab. Reference: 686694144-F-F036
Requested: Tuesday, 9 January 2024
Performed: Tuesday, 9 January 2024
Test name: .PLATELET FUNCTION
Provider name: SNP

Clinical Notes : Check up previous iron deficiency on
Replacement, easy bruising, lymphadenopathy

Platelet Function Analyser (PFA)

Platelet Count 208 (150 - 400) 10⁹/L
Closure Time: Coll/Epi No Result

Comments on Collection 686694144

PFA studies should be performed within 5 hours of collection.
As a result of this limitation, PFA is not available in all areas serviced by SNP.
If the patient has a clinical history of bruising or bleeding or a family history of von Willebrand disease, then specific assays for von Willebrand disease are suggested.
A haematologist is available for consultation if required.

RJ

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

Tests Completed: E/LFT, PFA-200, Coag Scr, FBE
Tests Pending : Iron Studies, Folate (Serum), Active B12, PB T&B cells
Sample Pending :
~~~~~

Yours sincerely

Dr Andrew Baade  
31-33 Robert Street  
ATHERTON QLD 4883  
Phone: (07) 4091 8400  
Fax: (07) 4242 4030  
Provider No: 447522DK