

&lt;~FAX NUMBER:0291712200&gt;

&lt;~TO:0291712200&gt;

**Facsimile Transmission****To:** DR MARK  
MIKHAIL**FAX:** 0293707290**ISSUED BY:** SydPath**COMPANY:** NARRABRI APPROVED COLLECTION**DATE:** 22/05/24 **TIME:** 14:37**TELEPHONE:** General: (02) 8382 9100  
Trials : (02) 8382 9118

*The transmitted document should be [ 6 ] page(s), including this cover sheet. If you have not received all pages please call the telephone number above.*

**CONFIDENTIALITY NOTICE**

This cover sheet and any following pages may contain legally privileged information which is intended for the named addressee only. The copying or distribution, other than by the addressee, of any information contained herein is prohibited. If you receive this document in error, immediately telephone the sender to arrange the destruction or the return of the document.

**RE: Pathology Results**

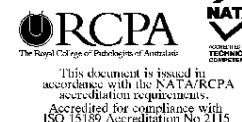
Regards, SydPath

**SydPath**Victoria Street, Darlinghurst, NSW 2010  
Telephone: (02) 8382 9100St. Vincent's Hospital Sydney Ltd.  
Facsimile: (02) 8382 2489

ACN 054 038 872



**St Vincent's Pathology**  
 St Vincent's Hospital Sydney Limited APA  
 Victoria Street, Darlinghurst NSW 2010  
 All Enquiries 02 8382 9100



**To:** DR MARK MIKHAIL  
 AUSTRALIAN MENOPAUSE CENTRE  
 436-438 BURWOOD RD  
 BELMORE, NSW, 2192

**MRN:** A363907  
**Name:** KATHLEEN DOROTHY WHEELER  
 GLENSHEE 222 EULAH CREEK ROAD  
 NARRABRI, NSW, 2390

**Copy To:** DR ROHANA WANASINGHE

**Ph:**  
**Age:** 49 Yrs **DOB:** 14/10/74 **Sex:** Female

**Ref:**  
**Collected:** 09/05/24 08:00  
**Received:** 09/05/24 08:14  
**Request:** 6377852  
**Fasting Status:** Fasting

### CHEMISTRY

|              | Current Result | Previous results for comparison only |          |          |       | Reference             |
|--------------|----------------|--------------------------------------|----------|----------|-------|-----------------------|
| Date:        | 09/05/24       | 13/12/22                             | 27/09/19 | 23/10/15 |       | (for this collection) |
| Time:        | 08:00          | 08:20                                | 10:25    | 08:00    |       |                       |
| Request No.: | 6377852        | 6336229                              | 6158647  | 6098802  | Units |                       |

#### Electrolytes (serum/plasma)

|              |         |      |               |           |
|--------------|---------|------|---------------|-----------|
| Sodium       | 143     |      | mmol/L        | [135-145] |
| Potassium    | 4.2     |      | mmol/L        | [3.5-5.2] |
| Chloride     | 104     |      | mmol/L        | [95-110]  |
| Bicarbonate  | 30      |      | mmol/L        | [22-32]   |
| Urea         | 4.9     |      | mmol/L        | [3.0-7.0] |
| Creatinine   | 73      |      | umol/L        | [45-90]   |
| eGFR         | 84      |      | mL/min/1.73m2 | [>60]     |
| Calcium      |         | 2.48 | mmol/L        |           |
| eGFR comment | gfrmild |      |               |           |

Comments: (09/05/2024 08:00 Episode No. 6377852)

gfrmild: eGFR 60 - 90 mL/min/1.73m2 is likely to be normal for elderly patients. Note change to CKD-EPI equation. See [www.syddpath.stvincents.com.au/eGFR.htm](http://www.syddpath.stvincents.com.au/eGFR.htm)

#### Liver Function Tests (serum/plasma)

|                    |     |        |          |
|--------------------|-----|--------|----------|
| Total protein      | 75  | g/L    | [60-80]  |
| Albumin            | 44  | g/L    | [33-48]  |
| Bilirubin total    | 15  | umol/L | [0-20]   |
| Alkaline phosphat. | 74  | U/L    | [30-110] |
| ALT                | 13  | U/L    | [0-35]   |
| AST                | 27  | U/L    | [0-30]   |
| GGT                | 10  | U/L    | [0-35]   |
| LDH                | 168 | U/L    | [0-430]  |

Page 1 of 5

Printed: 22/05/24 14:37

Final Report, please file

**Chemical Pathology**  
 A/Prof Graham Jones  
 (02) 8382 9160

**Haematology**  
 Dr Joanne Joseph  
 Prof David Ma  
 A/Prof John Moore  
 Dr Keith Fay  
 Dr Nada Hamad  
 Dr Sam Milliken  
 (02) 9355 5657

**Immunology**  
 Prof Samuel Breit  
 Prof Andrew Carr  
 Dr Alisa Kane  
 A/Prof William Sewell  
 Dr Winnie Tong  
 (02) 8382 9169

**Microbiology**  
 A/Prof Jock Harkness  
 A/Prof Debbie Marriou  
 (02) 8382 9196

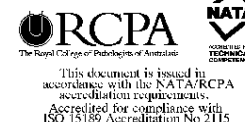
**Anatomical Pathology**  
 Pathologists  
 (02) 8382 9219

**Clinical Pharmacology**  
 A/Prof Graham Jones  
 (02) 8382 9184

**Rural Laboratories**  
 Moree  
 (02) 6757 0057  
 Narrabri  
 (02) 6792 3705



**St Vincent's Pathology**  
St Vincent's Hospital Sydney Limited APA  
Victoria Street, Darlinghurst NSW 2010  
All Enquiries 02 8382 9100



**To:** DR MARK MIKHAIL  
AUSTRALIAN MENOPAUSE CENTRE  
436-438 BURWOOD RD  
BELMORE, NSW, 2192

**MRN:** A363907  
**Name:** KATHLEEN DOROTHY WHEELER  
GLENSHEE 222 EULAH CREEK ROAD  
NARRABRI, NSW, 2390

**Copy To:** DR ROHANA WANASINGHE

**Ph:**  
**Age:** 49 Yrs **DOB:** 14/10/74 **Sex:** Female

**Ref:**  
**Collected:** 09/05/24 08:00  
**Received:** 09/05/24 08:14  
**Request:** 6377852  
**Fasting Status:** Fasting

### CHEMISTRY

|                                       | Current Result | Previous results for comparison only |          |          |       | Reference             |
|---------------------------------------|----------------|--------------------------------------|----------|----------|-------|-----------------------|
| Date:                                 | 09/05/24       | 13/12/22                             | 27/09/19 | 23/10/15 |       | (for this collection) |
| Time:                                 | 08:00          | 08:20                                | 10:25    | 08:00    |       |                       |
| Request No.:                          | 6377852        | 6336229                              | 6158647  | 6098802  | Units |                       |
| <b>Thyroid Testing (serum/plasma)</b> |                |                                      |          |          |       |                       |
| TSH                                   | 1.13           | 1.46                                 | 0.86     | 0.96     | mIU/L | [0.40-4.80]           |
| TFT com.                              | TFTCOM1        | TFTCOM1                              |          |          |       |                       |

Comments: (09/05/2024 08:00 Episode No. 6377852)

TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

### Endocrinology

|                    |          |         |          |        |           |
|--------------------|----------|---------|----------|--------|-----------|
| LH                 | 42.9     | 15.1    |          | IU/L   |           |
| FSH                | 119      | 21.4    |          | IU/L   |           |
| DHEAS              |          |         | 1.5      | umol/L |           |
| Oestradiol         |          | 743     | 70       | pmol/L |           |
| Progesterone       |          | 1.4     | 27.7     | nmol/L |           |
| Testosterone       | <0.5     | 1.0     | <0.3     | nmol/L | [0.0-2.0] |
| SHBG               | 58       |         | 72       | nmol/L | [15-130]  |
| Albumin            | 41       |         | 46       | g/L    | [33-48]   |
| Free Testosterone  | 6        |         | <6       | pmol/L | [0-30]    |
| ACTH               |          |         | 3.8      | pmol/L |           |
| Prolactin          | 139      |         |          | mIU/L  | [50-500]  |
| LH comment         | lhrfn1   | lhrfn1  |          |        |           |
| FSH comment        | fshfbc1  | fshfbc1 |          |        |           |
| DHEAS comment      |          |         | dhsf     |        |           |
| Oestradiol comment |          | e2rfbc  | e2rf     |        |           |
| Progesterone comm. |          | pgsfbc  | pgsf     |        |           |
| FTE comment        | TESTOLOW |         | TESTOLOW |        |           |

Continued on next page.....

Page 2 of 5

Printed: 22/05/24 14:37

Final Report, please file

**Chemical Pathology**  
A/Prof Graham Jones  
(02) 8382 9160

**Haematology**  
Dr Joanne Joseph  
Prof David Ma  
A/Prof John Moore  
Dr Keith Fay  
Dr Nada Hamad  
Dr Sam Milliken  
(02) 9355 5657

**Immunology**  
Prof Samuel Breit  
Prof Andrew Carr  
Dr Alisa Kane  
A/Prof William Sewell  
Dr Winnie Tong  
(02) 8382 9169

**Microbiology**  
A/Prof Jock Harkness  
A/Prof Debbie Marriou  
(02) 8382 9196

**Anatomical Pathology**  
Pathologists  
(02) 8382 9219

**Rural Laboratories**  
Moree  
(02) 6757 0057  
Narrabri  
(02) 6792 3705

**Clinical Pharmacology**  
A/Prof Graham Jones  
(02) 8382 9184



**St Vincent's Pathology**  
 St Vincent's Hospital Sydney Limited APA  
 Victoria Street, Darlinghurst NSW 2010  
 All Enquiries 02 8382 9100



**To:** DR MARK MIKHAIL  
 AUSTRALIAN MENOPAUSE CENTRE  
 436-438 BURWOOD RD  
 BELMORE, NSW, 2192

**MRN:** A363907  
**Name:** KATHLEEN DOROTHY WHEELER  
 GLENSHEE 222 EULAH CREEK ROAD  
 NARRABRI, NSW, 2390

**Copy To:** DR ROHANA WANASINGHE

**Ph:**  
**Age:** 49 Yrs **DOB:** 14/10/74 **Sex:** Female

**Ref:**  
**Collected:** 09/05/24 08:00  
**Received:** 09/05/24 08:14  
**Request:** 6377852  
**Fasting Status:** Fasting

### CHEMISTRY

|              | Current  | Previous results for comparison only |          |          |       | Reference   |
|--------------|----------|--------------------------------------|----------|----------|-------|-------------|
|              | Result   |                                      |          |          |       | (for this   |
| Date:        | 09/05/24 | 13/12/22                             | 27/09/19 | 23/10/15 |       | collection) |
| Time:        | 08:00    | 08:20                                | 10:25    | 08:00    |       |             |
| Request No.: | 6377852  | 6336229                              | 6158647  | 6098802  | Units |             |

Comments: (09/05/2024 08:00 Episode No. 6377852)

lhfrn1: LH Reference Interval - Female (serum/plasma):

Follicular phase: 2.0 - 12.0 IU/L  
 Midcycle phase: 15.0 - 100 IU/L  
 Mid-Luteal phase: 1.0 - 13.0 IU/L  
 Postmenopausal: 11.0 - 60.0 IU/L

(Beckman-Coulter analyser; introduced 2nd Sept 2018)

fishfbc1: FSH Reference Interval (serum/plasma):

Pre-pubertal: 0 - 7.0 IU/L  
 Follicular phase: 4.0 - 9.0 IU/L  
 Midcycle phase: 4.0 - 23.0 IU/L  
 Mid-Luteal phase: 1.5 - 5.0 IU/L  
 Postmenopausal: 17 - 115 IU/L

(Beckman-Coulter method, introduced 2nd Sept 2018)

TESTOLOW: Calculated Free Testosterone (cFT): Testosterone below assay measurable range. cFT calculation therefore includes extra uncertainty. Testo below 0.3 nmol/L is moderately common. In 200 cases to date no cFT with total testo <3 has had a cFT > 5 pmol/L. Using 6 pmol/L allows for lower SHBG or albumin than previously received. The uncertainty allowed does not cross any reference interval thresholds.

Page 3 of 5

Printed: 22/05/24 14:37

**Final Report, please file**

**Chemical Pathology**  
 A/Prof Graham Jones  
 (02) 8382 9160

**Clinical Pharmacology**  
 A/Prof Graham Jones  
 (02) 8382 9184

**Haematology**  
 Dr Joanne Joseph  
 Prof David Ma  
 A/Prof John Moore  
 Dr Keith Fay  
 Dr Nada Hamad  
 Dr Sam Milliken  
 (02) 9355 5657

**Immunology**  
 Prof Samuel Breit  
 Prof Andrew Carr  
 Dr Alisa Kane  
 A/Prof William Sewell  
 Dr Winnie Tong  
 (02) 8382 9169

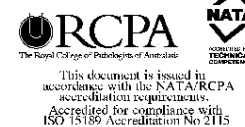
**Microbiology**  
 A/Prof Jock Harkness  
 A/Prof Debbie Marriou  
 (02) 8382 9196

**Anatomical Pathology**  
 Pathologists  
 (02) 8382 9219

**Rural Laboratories**  
 Moree  
 (02) 6757 0057  
 Narrabri  
 (02) 6792 3705



**St Vincent's Pathology**  
 St Vincent's Hospital Sydney Limited APA  
 Victoria Street, Darlinghurst NSW 2010  
 All Enquiries 02 8382 9100



**To:** DR MARK MIKHAIL  
 AUSTRALIAN MENOPAUSE CENTRE  
 436-438 BURWOOD RD  
 BELMORE, NSW, 2192

**MRN:** A363907  
**Name:** KATHLEEN DOROTHY WHEELER  
 GLENSHEE 222 EULAH CREEK ROAD  
 NARRABRI, NSW, 2390

**Copy To:** DR ROHANA WANASINGHE

**Ph:**  
**Age:** 49 Yrs **DOB:** 14/10/74 **Sex:** Female

**Ref:**  
**Collected:** 09/05/24 08:00  
**Received:** 09/05/24 08:14  
**Request:** 6377852  
**Fasting Status:** Fasting

### CHEMISTRY

|                  | Current  | Previous results for comparison only |          |          |          | Reference   |
|------------------|----------|--------------------------------------|----------|----------|----------|-------------|
|                  | Result   |                                      |          |          |          | (for this   |
| Date:            | 09/05/24 | 13/12/22                             | 27/09/19 | 23/10/15 |          | collection) |
| Time:            | 08:00    | 08:20                                | 10:25    | 08:00    |          |             |
| Request No.:     | 6377852  | 6336229                              | 6158647  | 6098802  | Units    |             |
| <b>HbA1c</b>     |          |                                      |          |          |          |             |
| HbA1c            | 5.1      |                                      |          |          | %        | [0.0-5.9]   |
| HbA1c (mmol/mol) | 32       |                                      |          |          | mmol/mol | [0-41]      |
| HbA1c comment    | hbacom   |                                      |          |          |          |             |

Comments: (09/05/2024 08:00 Episode No. 6377852)

hbacom: HbA1c (IFCC): In keeping with Australian guidelines SydPath is now reporting HbA1c in conventional units (%) and restandardised units (mmol/mol). (MJA 2011; 195: 45-46)



**St Vincent's Pathology**  
 St Vincent's Hospital Sydney Limited APA  
 Victoria Street, Darlinghurst NSW 2010  
 All Enquiries 02 8382 9100



**To:** DR MARK MIKHAIL  
 AUSTRALIAN MENOPAUSE CENTRE  
 436-438 BURWOOD RD  
 BELMORE, NSW, 2192

**MRN:** A363907  
**Name:** KATHLEEN DOROTHY WHEELER  
 GLENSHEE 222 EULAH CREEK ROAD  
 NARRABRI, NSW, 2390

**Copy To:** DR ROHANA WANASINGHE

**Ph:**  
**Age:** 49 Yrs **DOB:** 14/10/74 **Sex:** Female

**Ref:**  
**Collected:** 09/05/24 08:00  
**Received:** 09/05/24 08:14  
**Request:** 6377852  
**Fasting Status:** Fasting

|                         | Result   | Current Previous results for comparison only |          |                     |             |
|-------------------------|----------|----------------------------------------------|----------|---------------------|-------------|
| Date:                   | 09/05/24 | 13/12/22                                     | 27/09/19 |                     | Reference   |
| Time:                   | 08:00    | 09:20                                        | 10:25    |                     | (for this   |
| Request No.:            | 6377852  | 6336238                                      | 6158647  | Units               | collection) |
| <b>Full Blood Count</b> |          |                                              |          |                     |             |
| White Cell Count        | 4.1      | 5.3                                          | 8.1      | 10 <sup>9</sup> /L  | [4.0-11.0]  |
| Red Cell Count          | 4.4      | 4.8                                          | 4.1      | 10 <sup>12</sup> /L | [3.8-5.8]   |
| Haemoglobin             | 140      | 148                                          | 127      | g/L                 | [115-165]   |
| Haematocrit             | 0.40     | 0.44                                         | 0.37     |                     | [0.37-0.47] |
| MCV                     | 92       | 92                                           | 90       | fL                  | [76-96]     |
| MCH                     | 31.9     | 31.0                                         | 31.0     | pg                  | [27.0-32.0] |
| MCHC                    | 348      | 336                                          | 343      | g/L                 | [320-360]   |
| RDW                     | 12.8     | 12.8                                         | 13.0     | %                   | [11.5-14.5] |
| Platelet Count          | 204      | 198                                          | 235      | 10 <sup>9</sup> /L  | [150-400]   |
| .                       | .        | .                                            | .        |                     |             |
| Neutrophils             | 2.2      | 3.1                                          | 5.8      | 10 <sup>9</sup> /L  | [2.0-7.5]   |
| Lymphocytes             | 1.4 L    | 1.3 L                                        | 1.5      | 10 <sup>9</sup> /L  | [1.5-4.0]   |
| Monocytes               | 0.5      | 0.7                                          | 0.7      | 10 <sup>9</sup> /L  | [0.2-1.0]   |
| Eosinophils             | 0.1      | 0.1                                          | 0.1      | 10 <sup>9</sup> /L  | [0.0-0.4]   |
| Basophils               | 0.0      | 0.0                                          | 0.1      | 10 <sup>9</sup> /L  | [0.0-0.1]   |

Page 5 of 5

Printed: 22/05/24 14:37

**Final Report, please file**

**Chemical Pathology**  
 A/Prof Graham Jones  
 (02) 8382 9160

**Haematology**  
 Dr Joanne Joseph  
 Prof David Ma  
 A/Prof John Moore  
 Dr Keith Fay  
 Dr Nada Hamad  
 Dr Sam Milliken  
 (02) 9355 5657

**Immunology**  
 Prof Samuel Breit  
 Prof Andrew Carr  
 Dr Alisa Kane  
 A/Prof William Sewell  
 Dr Winnie Tong  
 (02) 8382 9169

**Microbiology**  
 A/Prof Jock Harkness  
 A/Prof Debbie Marriou  
 (02) 8382 9196

**Anatomical Pathology**  
 Pathologists  
 (02) 8382 9219

**Rural Laboratories**  
 Moree  
 (02) 6757 0057  
 Narrabri  
 (02) 6792 3705

**Clinical Pharmacology**  
 A/Prof Graham Jones  
 (02) 8382 9184