

BISHOP, KATHRYN  
 9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
 Phone: 0408259774  
 Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
 Your Reference: Lab Reference: 662659671-H-H900  
 Laboratory: SNP  
 Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: .BLOOD COUNT  
 Requested: 31/08/2021 Collected: 31/08/2021 Reported: 31/08/2021  
 17:29

Clinical notes: 6 WEEKS POST PARTUM, NON FASTING

Clinical Notes : 6 WEEKS POST PARTUM, NON FASTING

#### Haematology

| Date                       | 02/12/20  | 31/08/21  |         |            |
|----------------------------|-----------|-----------|---------|------------|
| Time                       | 0951      | 1015      |         |            |
| Lab Id.                    | 655387641 | 662659671 | Units   | Reference  |
| Haemoglobin                | 139       | 142       | g/L     | (115-165)  |
| Haematocrit<br>(0.35-0.47) | 0.42      | 0.42      |         |            |
| RCC                        | 4.4       | 4.5       | 10*12/L | (3.9-5.6)  |
| MCV                        | 95        | 93        | fL      | (80-100)   |
| WCC                        | 5.7       | 7.9       | 10*9/L  | (3.5-12.0) |
| Neutrophils                | 3.51      | 4.36      | 10*9/L  | (1.5-8.0)  |
| Lymphocytes                | 1.69      | 2.98      | 10*9/L  | (1.0-4.0)  |
| Monocytes                  | 0.40      | 0.37      | 10*9/L  | (0-0.9)    |
| Eosinophils                | 0.04      | 0.11      | 10*9/L  | (0-0.6)    |
| Basophils                  | 0.03      | 0.05      | 10*9/L  | (0-0.15)   |
| Platelets                  | 248       | 301       | 10*9/L  | (150-400)  |

HA

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Tests Completed: FBE

Tests Pending : HDL-Cholesterol, Iron Studies, Zinc, E/LFT, TSH,  
 Vitamin B12, Folate (Serum), Vitamin D

Sample Pending :

BISHOP, KATHRYN  
9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
Phone: 0408259774  
Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
Your Reference: Lab Reference: 662659671-C-H245  
Laboratory: SNP  
Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: .ANAEMIA  
Requested: 31/08/2021 Collected: 31/08/2021 Reported: 01/09/2021  
15:29

Clinical notes: 6 WEEKS POST PARTUM, NON FASTING

Clinical Notes : 6 WEEKS POST PARTUM, NON FASTING

#### Haematinics

| Date         | 02/12/20  | 31/08/21  |        |           |
|--------------|-----------|-----------|--------|-----------|
| Time         | 0951      | 1015      |        |           |
| Lab Id.      | 655387641 | 662659671 | Units  | Reference |
| Iron         | 25        | 23        | umol/L | (5-30)    |
| Transferrin  | 2.5       | 2.6       | g/L    | (1.9-3.1) |
| TIBC         | 63        | 64        | umol/L | (47-77)   |
| Trans Sat    | 40        | 36        | %      | (20-45)   |
| Ferritin     | 57        | 99        | ug/L   | (30-250)  |
| Vitamin B12  | 440       | 431       | pmol/L | (>150)    |
| Folate serum | >45       | 36        | nmol/L | (>7.0)    |

Comments on Collection 31/08/21 1015:  
Iron Studies  
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.

Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

EA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Folate (Serum), FBE  
Tests Pending : Zinc, Vitamin D  
Sample Pending :

BISHOP, KATHRYN  
 9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
 Phone: 0408259774  
 Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
 Your Reference: Lab Reference: 662659671-C-C140  
 Laboratory: SNP  
 Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: S- ROUTINE CHEMISTRY  
 Requested: 31/08/2021 Collected: 31/08/2021 Reported: 01/09/2021  
 15:29

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**Chemistry (serum)**

| Date             | 01/09/09  | 02/12/20  | 31/08/21  |        |           |
|------------------|-----------|-----------|-----------|--------|-----------|
| Time             | 1445      | 0951      | 1015      |        |           |
| Lab Id.          | 576347479 | 655387641 | 662659671 |        |           |
|                  |           |           |           | Units  | Reference |
| Sodium           |           | 138       | 138       |        |           |
| Potassium        |           | 4.3       | 4.2       | mmol/L | (135-145) |
| Chloride         |           | 105       | 105       | mmol/L | (3.5-5.5) |
| Bicarbonate      |           | 27        | 27        | mmol/L | (95-110)  |
| Anion Gap        |           | 6         | 6         | mmol/L | (20-32)   |
|                  |           |           |           | mmol/L | (<16)     |
| Calcium (Corr.)  |           | 2.37      | 2.32      |        |           |
| (2.10-2.60)      |           |           |           | mmol/L |           |
| Phosphate        |           | 1.26      | 1.31      |        |           |
| (0.80-1.50)      |           |           |           | mmol/L |           |
| Urea             |           | 4.2       | 5.9       |        |           |
| Urate            |           | 0.239     | 0.289     | mmol/L | (2.5-7.0) |
| (0.150-0.400)    |           |           |           | mmol/L |           |
| Creatinine       |           | 65        | 70        |        |           |
| eGFR             |           | >90       | >90       | umol/L | (45-85)   |
| Random Glucose   | 5.4       | 5.5       | 4.9       |        | (>59)     |
|                  |           |           |           | mmol/L | (3.6-7.7) |
| Total Protein    |           | 73        | 75        |        |           |
| Albumin          |           | 43        | 45        | g/L    | (64-81)   |
| Globulin         |           | 30        | 30        | g/L    | (33-46)   |
| T Bilirubin      |           | 15        | 9         | g/L    | (23-43)   |
| ALP              |           | 52        | 86        | umol/L | (<16)     |
| AST              |           | 22        | 29        | U/L    | (20-105)  |
| ALT              |           | 20        | 40 H      | U/L    | (10-35)   |
| GGT              |           | 22        | 18        | U/L    | (5-30)    |
| LDH              |           | 186       | 243       | U/L    | (5-35)    |
|                  |           |           |           | U/L    | (120-250) |
| Cholesterol      | 6.0 H     | 4.7       | 6.0 H     |        |           |
| Triglyceride     | 1.3       |           | 1.7       | mmol/L | (<5.6)    |
| Haemolysis Index |           | 3         | 9         | mmol/L | (<2.1)    |
|                  |           |           |           |        | (<40)     |

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Folate (Serum), FBE  
 Tests Pending : Zinc, Vitamin D  
 Sample Pending :

BISHOP, KATHRYN  
 9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
 Phone: 0408259774  
 Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
 Your Reference: Lab Reference: 662659671-C-C847  
 Laboratory: SNP  
 Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: S- LIPID PROFILE  
 Requested: 31/08/2021 Collected: 31/08/2021 Reported: 01/09/2021  
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#### Lipid Profile

| Date           | Time  | Lab Id.   | Units  | Reference      |
|----------------|-------|-----------|--------|----------------|
| 01/09/09       | 1445  | 576347479 |        |                |
| 02/12/20       | 0951  | 655387641 |        |                |
| 31/08/21       | 1015  | 662659671 |        |                |
| Cholesterol    | 6.0 H | 4.7       | 6.0 H  | mmol/L (<5.6)  |
| Triglyceride   | 1.3   |           | 1.7    | mmol/L (<2.1)  |
| HDL            |       |           | 1.61   | mmol/L (>1.09) |
| LDL            |       |           | 3.6    | mmol/L (<4.1)  |
| Chol/HDL Ratio |       |           | 3.7    | mmol/L (<4.6)  |
| Non HDLC       |       |           | 4.39 H | mmol/L (<3.81) |

Comments on Collection 31/08/21 1015:

HDL-Cholesterol

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

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

|                       |               |
|-----------------------|---------------|
| Total Cholesterol     | <4.0 mmol/L   |
| HDL-Cholesterol       | >=1.00 mmol/L |
| Fasting Triglycerides | <2.0 mmol/L   |
| Non-HDL Cholesterol   | <2.5 mmol/L   |

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

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Folate (Serum), FBE

Tests Pending : Zinc, Vitamin D

Sample Pending :

BISHOP, KATHRYN  
9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
Phone: 0408259774  
Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
Your Reference: Lab Reference: 662659671-E-E030  
Laboratory: SNP  
Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER  
Name of Test: S- THYROID FUNCTION  
Requested: 31/08/2021 Collected: 31/08/2021 Reported: 01/09/2021  
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**Thyroid Function Tests**

| Date    | 02/12/20  | 31/08/21  |       |           |
|---------|-----------|-----------|-------|-----------|
| Time    | 0951      | 1015      |       |           |
| Lab Id. | 655387641 | 662659671 |       |           |
| TSH     | 1.4       | 0.9       | Units | Reference |
|         |           |           | mIU/L | (0.3-3.5) |

Comments on Collection 31/08/21 1015:  
Euthyroid

EA

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1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,  
Folate (Serum), FBE  
Tests Pending : Zinc, Vitamin D  
Sample Pending :

BISHOP, KATHRYN  
9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
Phone: 0408259774  
Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
Your Reference: Lab Reference: 662659671-E-E405  
Laboratory: SNP  
Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: S-VITAMIN D  
Requested: 31/08/2021 Collected: 31/08/2021 Reported: 01/09/2021  
16:29

Clinical notes: 6 WEEKS POST PARTUM, NON FASTING

Clinical Notes : 6 WEEKS POST PARTUM, NON FASTING

| Date              | 02/12/20  | 31/08/21  |        |           |
|-------------------|-----------|-----------|--------|-----------|
| Time              | 0951      | 1015      |        |           |
| Lab Id.           | 655387641 | 662659671 |        |           |
| Hydroxycalciferol | 95        | 76        | Units  | Reference |
|                   |           |           | nmol/L | (50-150)  |

Comments on Collection 31/08/21 1015:  
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

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

EA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, Folate (Serum), Vitamin D, FBE  
Tests Pending : Zinc  
Sample Pending :

BISHOP, KATHRYN  
9 GRAYS CREEK TERRACE, MOWBRAY. 4871  
Phone: 0408259774  
Birthdate: 04/01/1988 Sex: F Medicare Number: 4439438982  
Your Reference: Lab Reference: 662659671-C-B099  
Laboratory: SNP  
Addressee: DR LOUISE M BLEIER Referred by: DR LOUISE M BLEIER

Name of Test: ZINC VIRTUAL  
Requested: 31/08/2021 Collected: 31/08/2021 Reported: 02/09/2021  
15:29

Clinical notes: 6 WEEKS POST PARTUM, NON FASTING

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Zinc

Date 31/08/21  
Time 1015  
Lab Id. 662659671

Zinc-plasma 12.4

Units Reference  
umol/L (9.0-19.0)

CA

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1964

Tests Completed: HDL-Cholesterol, Iron Studies, Zinc, E/LFT, TSH,  
Vitamin B12, Folate (Serum), Vitamin D, FBE

Tests Pending :

Sample Pending :