

RADUNOVIC, SNEZANA SUSIE  
 4 ENEDCA CRT, LOVELY BANKS. 3213  
 Phone: 0403306238  
 Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
 Your Reference: 11889 Lab Reference: 22-64897163-MBI-0  
 Laboratory: AUSTRALIAN CLINICAL LABS  
 Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: MULTIPLE BIOCHEM ANALYSIS  
 Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:09

CLINICAL NOTES: ht

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date: 16/07/22  
 Coll. Time: 08:40  
 Lab Number: 64897163

|             |      |                      |        |
|-------------|------|----------------------|--------|
| Sodium      | 139  | (135 - 145)          | mmol/L |
| Potassium   | 4.2  | (3.5 - 5.2)          | mmol/L |
| Chloride    | 105  | (95 - 110)           | mmol/L |
| Bicarbonate | 29   | (22 - 32)            | mmol/L |
| Urea        | 6.0  | (3.5 - 8.0)          | mmol/L |
| Creatinine  | 76   | (45 - 90)            | umol/L |
| eGFR        | 78   | (> 59) mL/min/1.73m2 |        |
| Urate       | 0.24 | (0.15 - 0.45)        | mmol/L |
| Calcium     | 2.44 | (2.10 - 2.60)        | mmol/L |
| Adj. Ca.    | 2.44 | (2.10 - 2.60)        | mmol/L |
| Magnesium   | 0.85 | (0.70 - 1.10)        | mmol/L |
| T.Protein   | 75   | (60 - 82)            | g/L    |
| Albumin     | 40   | (35 - 50)            | g/L    |
| Globulin    | 35   | (23 - 39)            | g/L    |
| ALP         | 76   | (30 - 120)           | U/L    |
| Bilirubin   | 13   | (< 25)               | umol/L |
| GGT         | 16   | (< 51)               | U/L    |
| AST         | 21   | (< 41)               | U/L    |
| ALT         | 24   | (< 41)               | U/L    |

\$GLCOMM

64897163 Within reference intervals.

Note: The Calcium and Adjusted Calcium reference ranges have been changed to the Harmonised Australian Reference Intervals on 08/10/2020.

GHB-W MAL-W OHD-W TSH-W BFO-W FBE-W IS-C LIP-W CA-C ECU-C LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
4 ENEDCA CRT, LOVELY BANKS. 3213  
Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-ISM-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: IRON MASTER  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:09

CLINICAL NOTES: ht

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: 16/07/22  
Coll. Time: 08:40  
Lab Number: 64897163

|             |      |                      |
|-------------|------|----------------------|
| Iron        | 13.5 | (10.0 - 30.0) umol/L |
| Transferrin | 2.41 | (2.10 - 3.80) g/L    |
| Saturation  | 22   | (15 - 45) %          |
| Ferritin    | 56   | (30 - 300) ug/L      |

64897163 Iron studies are within normal limits.

GHB-W MAL-W OHD-W TSH-W BFO-W FBE-W IS-C LIP-W CA-C ECU-C LF

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Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-BFM-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: B12, FOLATE (SERUM/RBC)  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:45

CLINICAL NOTES: ht

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 16/07/22  
Time: 08:40  
Lab Number: 64897163

|             |      |        |
|-------------|------|--------|
| Vitamin B12 | 363  | pmol/L |
| Folate      | 44.0 | nmol/L |

64897163 Normal B12 and folate results.

| RANGES    | B12       | Serum Folate | Red Cell Folate |
|-----------|-----------|--------------|-----------------|
| Normal    | > 180     | > 10.0       | > 450           |
| Equivocal | 150 - 180 | 5.0 - 10.0   | 350 - 450       |
| Deficient | < 150     | < 5.0        | < 350           |

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/  
Atellica.

GHB-W MAL-W OHD-C TSH-C BFO-C FBE-W IS-R LIP-W CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
4 ENEDCA CRT, LOVELY BANKS. 3213  
Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-OHD-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: VITAMIN D  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:45

CLINICAL NOTES: ht

BIOCHEMISTRY

VITAMIN D

SPECIMEN: SERUM

| Date     | Time  | Lab No.  | 25-hydroxy<br>Vitamin D |
|----------|-------|----------|-------------------------|
| 16/07/22 | 08:40 | 64897163 | * 40 nmol/L             |

64897163 Low levels of 25-hydroxy vitamin D may be seen with lack of sunlight exposure, nutritional deficiency disorders (dietary, malabsorption, phenytoin therapy etc) and in hepatic disorders associated with impaired hydroxylation of cholecalciferol (vitamin D3).

Interpretation:

Vitamin D deficiency <50 nmol/L  
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

GHB-W MAL-W OHD-C TSH-C BFO-C FBE-W IS-R LIP-W CA-R ECU-R LF

This request has other tests in progress at the time of reporting

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Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-TSH-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: THYROID STIMULATING HORM  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:45

CLINICAL NOTES: ht

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date: 16/07/22  
Coll. Time: 08:40  
Lab Number: 64897163

|     |      |                    |
|-----|------|--------------------|
| TSH | 2.63 | (0.40 - 4.00)mIU/L |
|-----|------|--------------------|

64897163 Normal TSH level.

GHB-W MAL-W OHD-C TSH-C BFO-C FBE-W IS-R LIP-W CA-R ECU-R LF

This request has other tests in progress at the time of reporting

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Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-BFM-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: B12, FOLATE (SERUM/RBC)  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:48

CLINICAL NOTES: ht

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 16/07/22  
Time: 08:40  
Lab Number: 64897163

|             |      |        |
|-------------|------|--------|
| Vitamin B12 | 363  | pmol/L |
| Folate      | 44.0 | nmol/L |

64897163 Normal B12 and folate results.

| RANGES    | B12       | Serum Folate | Red Cell Folate |
|-----------|-----------|--------------|-----------------|
| Normal    | > 180     | > 10.0       | > 450           |
| Equivocal | 150 - 180 | 5.0 - 10.0   | 350 - 450       |
| Deficient | < 150     | < 5.0        | < 350           |

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica.

GHB-W MAL-W OHD-C TSH-C BFO-C FBE-V IS-R LIP-W CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
4 ENEDCA CRT, LOVELY BANKS. 3213  
Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-LS-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: LIPID STUDIES  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 18:55

CLINICAL NOTES: ht

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date: 16/07/22  
Coll. Time: 08:40  
Lab Number: 64897163

Desirable Range  
(Fasting)

| Fasting Status | Fasting |     |                |
|----------------|---------|-----|----------------|
| Total Chol.    | *       | 7.0 | (< 5.6) mmol/L |
| HDL Chol.      |         | 1.7 | (> 1.0) mmol/L |
| LDL Chol.      | *       | 4.7 | (< 2.5) mmol/L |
| Non-HDL Chol.  | *       | 5.3 | (< 3.9) mmol/L |
| Triglyceride   |         | 1.3 | (< 2.0) mmol/L |
| LDL/HDL Ratio  |         | 2.8 |                |
| Chol/HDL Ratio |         | 4.1 |                |

64897163 Moderate elevation in LDL-Cholesterol. Interpret in conjunction with other cardiovascular risk factors.

Desirable ranges for high CV risk patients are:

LDL Cholesterol < 2.0 mmol/L

Non-HDL Cholesterol < 2.5 mmol/L

GHB-W MAL-W OHD-C TSH-C BFO-C FBE-V IS-R LIP-C CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
4 ENEDCA CRT, LOVELY BANKS. 3213  
Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-HAE-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: HAEMATOLOGY GENERAL  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 19:14

CLINICAL NOTES: ht

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date: 16/07/22 (#Refers to current  
Coll. Time: 08:40 result only)  
Lab Number: #64897163

|             |        |                                   |
|-------------|--------|-----------------------------------|
| HAEMOGLOBIN | 132    | (115 - 165) g/L                   |
| RBC         | 4.40   | (3.80 - 5.50)x10 <sup>12</sup> /L |
| HCT         | 0.41   | (0.35 - 0.47)                     |
| MCV         | 93     | (80 - 99) fL                      |
| MCH         | 30.0   | (27.0 - 34.0)pg                   |
| MCHC        | 323    | (310 - 360) g/L                   |
| RDW         | 14.0   | (11.0 - 15.0)%                    |
| WCC         | * 3.2  | (4.0 - 11.0) x10 <sup>9</sup> /L  |
| Neutrophils | ** 1.4 | (2.0 - 8.0) x10 <sup>9</sup> /L   |
| Lymphocytes | 1.4    | (1.0 - 4.0) x10 <sup>9</sup> /L   |
| Monocytes   | 0.3    | (< 1.1) x10 <sup>9</sup> /L       |
| Eosinophils | < 0.1  | (< 0.7) x10 <sup>9</sup> /L       |
| Basophils   | < 0.1  | (< 0.3) x10 <sup>9</sup> /L       |
| PLATELETS   | 263    | (150 - 450) x10 <sup>9</sup> /L   |

#64897163 : There is a moderate neutropenia. Possible drug effect, viral or autoimmune disorder. Suggest repeat FBE to review neutropenia if clinically indicated.

GHB-W MAL-W OHD-R TSH-R BFO-R FBE-C IS-R LIP-R CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
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Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-BFM-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: B12, FOLATE (SERUM/RBC)  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 19:15

CLINICAL NOTES: ht

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 16/07/22  
Time: 08:40  
Lab Number: 64897163

|             |      |        |
|-------------|------|--------|
| Vitamin B12 | 363  | pmol/L |
| Folate      | 44.0 | nmol/L |

64897163 Normal B12 and folate results.

| RANGES    | B12       | Serum Folate | Red Cell Folate |
|-----------|-----------|--------------|-----------------|
| Normal    | > 180     | > 10.0       | > 450           |
| Equivocal | 150 - 180 | 5.0 - 10.0   | 350 - 450       |
| Deficient | < 150     | < 5.0        | < 350           |

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica.

GHB-W MAL-W OHD-R TSH-R BFO-R FBE-C IS-R LIP-R CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
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Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-GHB-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: GLYCATED HB  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 16/07/2022 19:48

CLINICAL NOTES: ht

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

| Date     | Coll Time | Req. No. | IFCC<br>HbA1c (mmol/mol) | DCCT<br>HbA1c (%) |
|----------|-----------|----------|--------------------------|-------------------|
| 16/07/22 | 08:40     | 64897163 | 39                       | 5.7               |

64897163 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA  
DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol ( 6.5 %) is consistent with diabetes

MONITORING.

The usual treatment target is less than or equal to 53 mmol/mol (7%) but may vary depending on the clinical situation.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

HbA1c tested on Roche c513 using Gen. 3 assay.

GHB-C MAL-W OHD-R TSH-R BFO-R FBE-R IS-R LIP-R CA-R ECU-R LF

This request has other tests in progress at the time of reporting

RADUNOVIC, SNEZANA SUSIE  
4 ENEDCA CRT, LOVELY BANKS. 3213  
Phone: 0403306238  
Birthdate: 08/02/1969 Sex: F Medicare Number: 35102821421  
Your Reference: 11889 Lab Reference: 22-64897163-MAL-0  
Laboratory: AUSTRALIAN CLINICAL LABS  
Addressee: DR DAVID SOO Referred by: DR DAVID SOO

Name of Test: MICROALBUMIN  
Requested: 12/07/2022 Collected: 16/07/2022 Reported: 19/07/2022 05:55

CLINICAL NOTES: ht

GENERAL CHEMISTRY

SPECIMEN: URINE

URINARY ALBUMIN STUDIES

Date: 16/07/22  
Coll. Time: 08:40  
Lab Number: #64897163

|                 |       | # Refers to<br>current result) |              |
|-----------------|-------|--------------------------------|--------------|
| Units           | Range |                                |              |
| Albumin         | < 3   | mg/L                           | (< 15)       |
| Creatinine      | 9.4   | mmol/L                         | (2.0 - 12.0) |
| Alb/Creat Ratio | < 0.3 | mg/mmol                        | (< 3.5)      |

64897163 Normal ACR.  
If clinical indication persists, suggest continued annual  
monitoring.

GHB-R MAL-C OHD-R TSH-R BFO-R FBE-R IS-R LIP-R CA-R ECU-R LF

All tests on this request have now been completed