

Saturday, August 23, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 25/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS

20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: HM - Hematology
Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-MTH-0**
Principal Result Interpreter:
Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 22/08/2025
Result Status: C - Corrected
Result Copies To:

Mthfr Gene Test

MTHFR C677T

Not Detected

MTHFR A1298C

Not Detected

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil

MTHFR Gene Testing (Whole Blood)

| | |
|--------------|--------------|
| MTHFR C677T | Not Detected |
| MTHFR A1298C | Not Detected |

Two of the most common variants in the MTHFR gene, C677T (c.665c>T or p.Ala222Val) and A1298C (c.1286A>C or p.Glu429Ala), are associated with reduced MTHFR enzyme activity.

These sequence variations (SNPs) are detected by real-time PCR fluorescent detection of the alleles. HGVS nomenclature with nucleotide 1 at the A of the ATG translation site has been used, against transcript LRG_726t1.

MTHFR gene testing results should be interpreted within the clinical context and further information regarding MTHFR genetic testing can be found on the RCPA website.

Tests to follow: VAP,DQ2/DQ8

Wednesday, August 20, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025

Status: Normal

Action: No Action

Notified: Patient not notified

Type: Pathology

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: OSL - Outside Lab

Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-G6P-0**

Principal Result Interpreter:

Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025

Collected Date: 18/08/2025 Reported Date: 20/08/2025

Result Status: C - Corrected

Result Copies To:

G6Pd Screen (Qual)

G6PD Screen

Normal G-6PD screen.

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil

Glucose-6-Phosphate Dehydrogenase (Whole Blood)

G6PD Screen Normal G-6PD screen.

Test performed by NSW Health Pathology Royal North Shore Hospital

Tests to follow: VAP,DQ2/DQ8,MTHFR

Wednesday, August 20, 2025 Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025

Status: Normal

Action: No Action

Notified: Patient not notified

Type: Pathology

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: IMM - Immunology

Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-PIM-0**

Principal Result Interpreter:

Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 20/08/2025
Result Status: C - Corrected
Result Copies To:

Autoimmune Gastritis

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Autoimmune Gastritis Serology (Serum)

Coll Date: **18/08/25**
Coll Time: **08:34**
Lab Number: **82061671**

| | | | |
|-------------|-------|-------------|-------|
| Parietal Ab | 1.9 | (N<7, P>10) | IU/mL |
| Int.Fact.Ab | < 0.5 | (N<7, P>10) | IU/mL |

Tests to follow: VAP, G6PD, DQ2/DQ8, MTHFR

Wednesday, August 20, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS

20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: IMM - Immunology
Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-NAM-0**
Principal Result Interpreter:
Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 20/08/2025
Result Status: C - Corrected
Result Copies To:

Nuclear Antibodies

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Nuclear Antibodies (Serum)

Coll Date: **18/08/25**
Coll Time: **08:34**
Lab Number: **82061671**

ANA Negative (Screen 1:160)

ENA Screen Negative

ENA Ab Screen includes RNP, Scl-70, SSA, SSB, Ro52, Sm, Jo-1, CENP-B (centromere).

Tests to follow: GPC/IFA, VAP, G6PD, DQ2/DQ8, MTHFR

Wednesday, August 20, 2025

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Checked by Dr Sheetal Karande on 21/08/2025

Status: Normal

Action: No Action

Notified: Patient not notified

Type: Pathology

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: IMM - Immunology

Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-CSM-0**

Principal Result Interpreter:

Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025

Collected Date: 18/08/2025 Reported Date: 20/08/2025

Result Status: C - Corrected

Result Copies To:

Coeliac Serology

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil

Pathologist: Prof D. Fulcher

Coeliac Serology (Serum)

Coll Date: **18/08/25**

Coll Time: **08:34**

Lab Number: **82061671**

Gliadin-IgG < 0.4 (N<7, P>10) U/mL

TTG-IgA 0.3 (N<7, P>10) U/mL

No serological evidence of coeliac disease. Note that false negative results may occur if the patient is on a gluten-free diet.

Tests to follow: ANA, GPC/IFA, VAP, G6PD, DQ2/DQ8, MTHFR

Wednesday, August 20, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025

Status: **Unacceptable**
Action: Task
Notified: Patient not notified
Type: **Pathology**

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: CH - Chemistry

Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-STE-0**

Principal Result Interpreter:

Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025

Collected Date: 18/08/2025 Reported Date: 20/08/2025

Result Status: C - Corrected

Result Copies To:

Serum Trace Elements

| | | | | |
|-------------|------|--------|------------|------------------|
| Plasma Zinc | 10.9 | umol/L | (8.0-17.0) | 20/08/2025 09:57 |
|-------------|------|--------|------------|------------------|

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```

Clinical Notes: nil

Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 18/08/25

Coll Time: 08:34

Lab Number: 82061671

| | | | |
|------|------|------------|--------|
| Zinc | 10.9 | (8.0-17.0) | umol/L |
|------|------|------------|--------|

Tests to follow: ANA, COES, GPC/IFA, VAP, G6PD, DQ2/DQ8, MTHFR

Wednesday, August 20, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025

Status: Normal

Action: No Action

Notified: Patient not notified

Type: Pathology

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: HM - Hematology

Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-GHB-0**

Principal Result Interpreter:

Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025

Collected Date: 18/08/2025 Reported Date: 20/08/2025

Result Status: C - Corrected

Result Copies To:

HbA1c

| | | | | |
|--------------------|-----|----------|-----------|------------------|
| IFCC HbA1c Percent | 4.9 | % | (4.0-5.9) | 20/08/2025 00:22 |
| IFCC HbA1c | 30 | mmol/mol | (20-41) | 20/08/2025 00:22 |

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil

Diabetic Testing (Whole Blood)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| | | | |
|--------------|-----|-----------|----------|
| HbA1c (NGSP) | 4.9 | (4.0-5.9) | % |
| HbA1c (IFCC) | 30 | (20-41) | mmol/mol |

Tests to follow: ANA, COES, GPC/IFA, VAP, STE, G6PD, DQ2/DQ8, MTHFR

Tuesday, August 19, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-HOR-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

Hormones

| | | | | |
|---------------------------|------|--------|------------|------------------|
| SHBG | 77 | nmol/L | (21-113) | 19/08/2025 23:29 |
| Testosterone | 23.0 | nmol/L | (8.3-31.8) | 19/08/2025 22:46 |
| DHEA Sulphate | 2.4 | umol/L | (1.0-15.0) | 19/08/2025 23:28 |
| Bioavailable Testosterone | 6.4 | nmol/L | (1.5-8.2) | 19/08/2025 23:29 |
| FAI | 29.9 | % | (9.3-52.5) | 19/08/2025 23:29 |

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Reproductive Hormones (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| | | | |
|---------------------|------|------------|--------|
| DHEAS | 2.4 | (1.0-15.0) | umol/L |
| Testosterone | 23.0 | (8.3-31.8) | nmol/L |
| SHBG | 77 | (21-113) | nmol/L |
| Bioav. Testosterone | 6.4 | (1.5-8.2) | nmol/L |
| FAI | 29.9 | (9.3-52.5) | % |

Tests to follow: ANA, COES, GPC/IFA, VAP, STE, HbA1C, G6PD, DQ2/DQ8, MTHFR

Tuesday, August 19, 2025
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Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-DMM-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

C-Peptide/Insulin

Insulin 3.8 mIU/L (3.0-25.0) 19/08/2025 23:28

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Diabetes Monitoring (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

Insulin 3.8 (3.0-25.0) mIU/L

The reference interval only applies to fasting patients.

Tests to follow: ANA, COES, GPC/IFA, VAP, STE, HbA1C, G6PD, DQ2/DQ8, MTHFR

Tuesday, August 19, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-THM-0**
Principal Result Interpreter:
Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

Thyroid

| | | | | |
|--------------------------------|-------|-------|-------------|------------------|
| TSH | 1.57 | mIU/L | (0.50-4.00) | 19/08/2025 09:22 |
| TPO antibody | <6.6 | IU/mL | (< 13.8) | 19/08/2025 22:46 |
| Thyroglob. Ab II | <1.3 | IU/mL | (< 4.5) | 19/08/2025 22:53 |
| Thyroid Stimulating Immunoglob | <0.10 | IU/L | (< 0.55) | 19/08/2025 23:21 |

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date: **18/08/25**
Coll Time: **08:34**
Lab Number: **82061671**

| | | | |
|------------------|--------|-------------|-------|
| TSH | 1.57 | (0.50-4.00) | mIU/L |
| TPO Ab | < 6.6 | (< 13.8) | IU/mL |
| Thyroglobulin Ab | < 1.3 | (< 4.5) | IU/mL |
| Thyroid Stim Ig | < 0.10 | (< 0.55) | IU/L |

Euthyroid.

Please note change of TPO AB Reference Range from 31/3/2025.

Thyroid Stim Ig - Note test name change (previously TSH-R Ab).
Changed to reflect the measurement of the stimulating Ig at the TSH receptor on the thyroid gland. No change to the reference range.

Tests to follow: ANA,COES,GPC/IFA,VAP,STE,HbA1C,G6PD,DQ2/DQ8,MTHFR

Tuesday, August 19, 2025 Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: **Unacceptable**

Result Copies To:

Rheumatoid Serology

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Rheumatoid Serology (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

RF 4.4 (< 14.0) IU/mL

Tests to follow: TFT,CPEP,ANA,COES,GPC/IFA,HOR,VAP,STE,HbA1C,G6PD,DQ2/DQ8,MTHFR

Tuesday, August 19, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Stable
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-LPM-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 18/08/2025
Result Status: C - Corrected
Result Copies To:

Lipid Studies

Fasting

Fasting

| | | | | | |
|-----------------------------|-----|---------|---------|---|------------------|
| Cholesterol | 7.2 | mmol/L | (< 5.6) | + - At least one level above normal limit | 19/08/2025 10:10 |
| Triglycerides | 1.1 | mmol/L | (< 2.1) | | 19/08/2025 10:10 |
| HDL Cholesterol | 1.7 | mmol/L | (> 0.9) | | 19/08/2025 10:10 |
| Total Cholesterol/HDL Ratio | 4.2 | (< 4.5) | | | 19/08/2025 10:11 |
| LDL | 5.0 | mmol/L | (< 3.1) | + - At least one level above normal limit | 19/08/2025 10:11 |
| Non-HDL Cholesterol | 5.5 | mmol/L | (< 4.1) | + - At least one level above normal limit | 19/08/2025 10:11 |

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Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Lipid Studies (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| Status | Fasting | | | |
|--------------|---------|---|---------|--------|
| Cholesterol | 7.2 | H | (< 5.6) | mmol/L |
| Triglyceride | 1.1 | | (< 2.1) | mmol/L |
| HDL-c | 1.7 | | (> 0.9) | mmol/L |
| LDL-c | 5.0 | H | (< 3.1) | mmol/L |
| TC/HDL-c | 4.2 | | (< 4.5) | |
| Non-HDL-c | 5.5 | H | (< 4.1) | mmol/L |

National Heart Foundation treatment targets for high risk patients:
Cholesterol <4.0
Triglyceride <2.0
HDL-c >1.0
LDL-c <2.5(<1.8 mmol/L for very high risk)
Non-HDL-c <3.3(<2.5 mmol/L for very high risk)

Tests to follow: TFT,VD/PTH,CPEP,ANA,COES,GPC/IFA,CCP/RF,HOR,VAP,STE,HbA1C,G+++

Tuesday, August 19, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-FEM-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

Iron Studies

| | | | | |
|------------------------|-----|--------|-----------|------------------|
| Ferritin | 91 | ug/L | (30-300) | 19/08/2025 09:14 |
| Serum Iron | 15 | umol/L | (11-30) | 19/08/2025 10:10 |
| Transferrin | 2.2 | g/L | (2.0-3.6) | 19/08/2025 10:10 |
| Transferrin Saturation | 27 | % | (20-50) | 19/08/2025 10:11 |

<style>.blink_me{-moz-animation-duration:400ms;-moz-animation-name:blinker;-moz-animation-iteration-cou

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Iron Studies (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| | | | |
|------------------|-----|-----------|--------|
| Ferritin | 91 | (30-300) | ug/L |
| Iron | 15 | (11-30) | umol/L |
| Transferrin | 2.2 | (2.0-3.6) | g/L |
| Transferrin Sat. | 27 | (20-50) | % |

Tests to follow: TFT,VD/PTH,CPEP,ANA,COES,GPC/IFA,CCP/RF,HOR,VAP,STE,HbA1C,G+++

Tuesday, August 19, 2025
Requested by Sheetal Karande

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Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-RCM-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

Biochemistry, Serum

| | | | | |
|----------------------|-----|----------------|-----------|------------------|
| Sodium | 140 | mmol/L | (135-145) | 19/08/2025 10:10 |
| Potassium | 4.6 | mmol/L | (3.5-5.3) | 19/08/2025 10:10 |
| Chloride | 106 | mmol/L | (95-110) | 19/08/2025 10:10 |
| Bicarbonate | 27 | mmol/L | (22-32) | 19/08/2025 10:10 |
| Total Bilirubin | 12 | umol/L | (< 21) | 19/08/2025 10:10 |
| ALT | 38 | U/L | (< 40) | 19/08/2025 10:10 |
| AST | 28 | U/L | (< 35) | 19/08/2025 10:10 |
| Gamma Gt | 22 | U/L | (< 51) | 19/08/2025 10:10 |
| Alkaline Phosphatase | 47 | U/L | (30-110) | 19/08/2025 10:10 |
| Total Protein | 70 | g/L | (60-80) | 19/08/2025 10:10 |
| Albumin | 42 | g/L | (34-50) | 19/08/2025 10:10 |
| Creatinine | 110 | umol/L | (60-110) | 19/08/2025 10:10 |
| eGFR | 66 | mL/min/1.73m*2 | (> 59) | 19/08/2025 10:11 |
| Urea | 6.9 | mmol/L | (3.2-8.2) | 19/08/2025 10:10 |
| Globulin | 28 | g/L | (23-39) | 19/08/2025 10:11 |
| Anion Gap | 12 | mmol/L | (8-19) | 19/08/2025 10:11 |

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| | | | |
|------------------|-----|-----------|--------|
| Sodium | 140 | (135-145) | mmol/L |
| Potassium | 4.6 | (3.5-5.3) | mmol/L |
| Chloride | 106 | (95-110) | mmol/L |
| Bicarbonate | 27 | (22-32) | mmol/L |
| Anion Gap | 12 | (8-19) | mmol/L |
| Urea | 6.9 | (3.2-8.2) | mmol/L |
| Creatinine | 110 | (60-110) | umol/L |
| eGFR | 66 | (> 59) | |
| Total Protein | 70 | (60-80) | g/L |
| Globulin | 28 | (23-39) | g/L |
| Albumin | 42 | (34-50) | g/L |
| Bilirubin Total | 12 | (< 21) | umol/L |
| Alk. Phosphatase | 47 | (30-110) | U/L |
| Gamma GT | 22 | (< 51) | U/L |
| ALT | 38 | (< 40) | U/L |
| AST | 28 | (< 35) | U/L |

Tests to follow: TFT, VD/PTH, CPEP, ANA, COES, GPC/IFA, CCP/RF, HbA1C, G+++

Tuesday, August 19, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-HCR-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

Hs-Crp

| | | | | |
|--------|-----|------|---------|------------------|
| hs-CRP | 0.6 | mg/L | (< 2.0) | 19/08/2025 10:10 |
|--------|-----|------|---------|------------------|

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Clinical Notes: nil
Pathologist: A/Prof P. Stewart

High Sensitivity CRP (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

hs-CRP 0.6 (< 2.0) mg/L

Designed to detect small changes at low concentrations in CRP. Should be carried out when metabolically stable. At least 2 measurements 4 weeks apart are recommended to identify cardiovascular risk. Risk is related to lowest value. Low risk <1, average risk 1-3, above average risk >3. Values >10 represent acute infection/inflammation and should not be used for vascular risk assessment.

Tests to follow: TFT,VD/PTH,CPEP,ANA,COES,GPC/IFA,CCP/RF,HOR,VAP,STE,HbA1C,G+++

Tuesday, August 19, 2025

Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025

Status: Normal

Action: No Action

Notified: Patient not notified

Type: Pathology

DOUGLAS TONKS

20 GRACE STREET

YARRAVILLE VIC 3013

DOB: 24/01/1972 Gender: M

Medicare Number: 34737166731 IHI Number: DVA Number:

Patient Contact Number: 0479016421

Department: CH - Chemistry

Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-GLM-0

Principal Result Interpreter:

Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025

Collected Date: 18/08/2025 Reported Date: 19/08/2025

Result Status: C - Corrected

Result Copies To:

Glucose

Fasting Glucose 5.1 mmol/L (3.0-5.4) 19/08/2025 10:10

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Clinical Notes: nil

Pathologist: A/Prof P. Stewart

Glucose (Serum/Plasma)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

Glucose Fasting 5.1 (3.0-5.4) mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: TFT,VD/PTH,CPEP,ANA,COES,GPC/IFA,CCP/RF,HOR,VAP,STE,HbA1C,G+++

Tuesday, August 19, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Unacceptable
Action: Task
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET
YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: CH - Chemistry
Lab: 4Cyte Pathology Lab Reference Number: 25-82061671-VBM-0
Principal Result Interpreter:
Requesting Provider: SHEETAL ASHOK KARANDE Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 19/08/2025
Result Status: C - Corrected
Result Copies To:

B12/Folate/Homocysteine

| | | | | |
|--------------|------|--------|----------|--|
| Vitamin B12 | 396 | pmol/L | (> 350) | 19/08/2025 09:22 |
| Serum Folate | 28.1 | nmol/L | (> 12.0) | 19/08/2025 09:22 |
| Homocysteine | 15 | umol/L | (4-14) | + - At least one level above normal limit 19/08/2025 09:22 |

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Clinical Notes: nil
Pathologist: A/Prof P. Stewart

B12, Folate, Homocysteine Assessment (Serum)

Coll Date: 18/08/25
Coll Time: 08:34
Lab Number: 82061671

| | | | |
|--------------|------|----------|--------|
| Vitamin B12 | 396 | (> 350) | pmol/L |
| Serum Folate | 28.1 | (> 12.0) | nmol/L |
| Homocysteine | 15 H | (4-14) | umol/L |

Tests to follow: CHEM,BSL,FE,TFT,FATS,VD/PTH,CPEP,ANA,COES,GPC/IFA,CCP/RF,H+++

Monday, August 18, 2025
Requested by Sheetal Karande

Checked by Dr Sheetal Karande on 21/08/2025
Status: Normal
Action: No Action
Notified: Patient not notified
Type: Pathology

DOUGLAS TONKS
20 GRACE STREET

YARRAVILLE VIC 3013
DOB: 24/01/1972 Gender: M
Medicare Number: 34737166731 IHI Number: DVA Number:
Patient Contact Number: 0479016421

Department: HM - Hematology
Lab: **4Cyte Pathology** Lab Reference Number: **25-82061671-HPM-0**
Principal Result Interpreter:
Requesting Provider: **SHEETAL ASHOK KARANDE** Requested Date: 11/08/2025
Collected Date: 18/08/2025 Reported Date: 18/08/2025
Result Status: C - Corrected
Result Copies To:

Full Blood Count

| | | | | |
|-------------|------|---------------------|--------------|------------------|
| White Cells | 5.4 | 10 ⁹ /L | (4.0-11.0) | 18/08/2025 21:20 |
| Haemoglobin | 157 | g/L | (130-180) | 18/08/2025 21:20 |
| RBC | 5.0 | 10 ¹² /L | (4.3-6.5) | 18/08/2025 21:20 |
| HCT | 0.46 | (0.40-0.54) | | 18/08/2025 21:20 |
| MCV | 91.6 | fL | (80.0-100.0) | 18/08/2025 21:20 |
| MCH | 31 | pg | (27-34) | 18/08/2025 21:20 |
| MCHC | 341 | g/L | (300-360) | 18/08/2025 21:20 |
| RDW | 12.2 | % | (10.0-15.0) | 18/08/2025 21:20 |
| Platelets | 265 | 10 ⁹ /L | (150-450) | 18/08/2025 21:20 |
| MPV | 11.2 | fL | (6.5-15.0) | 18/08/2025 21:20 |
| Neutrophils | 3.0 | 10 ⁹ /L | (2.0-8.0) | 18/08/2025 21:21 |
| Lymphocytes | 1.9 | 10 ⁹ /L | (1.0-4.0) | 18/08/2025 21:21 |
| Monocytes | 0.4 | 10 ⁹ /L | (0.1-1.1) | 18/08/2025 21:21 |
| Eosinophils | 0.1 | 10 ⁹ /L | (< 0.9) | 18/08/2025 21:21 |
| Basophils | 0.0 | 10 ⁹ /L | (< 0.3) | 18/08/2025 21:21 |

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Clinical Notes: nil

Full Blood Count (Whole Blood)

Coll Date: **18/08/25**
Coll Time: **08:34**
Lab Number: **82061671**

| | | | |
|-------------|------|--------------|---------------------|
| HAEMOGLOBIN | 157 | (130-180) | g/L |
| RBC | 5.0 | (4.3-6.5) | 10 ¹² /L |
| HCT | 0.46 | (0.40-0.54) | |
| MCV | 91.6 | (80.0-100.0) | fL |
| MCH | 31 | (27-34) | pg |
| MCHC | 341 | (300-360) | g/L |
| RDW | 12.2 | (10.0-15.0) | % |
| WCC | 5.4 | (4.0-11.0) | 10 ⁹ /L |
| Neutrophils | 3.0 | (2.0-8.0) | 10 ⁹ /L |
| Lymphocytes | 1.9 | (1.0-4.0) | 10 ⁹ /L |
| Monocytes | 0.4 | (0.1-1.1) | 10 ⁹ /L |
| Eosinophils | 0.1 | (< 0.9) | 10 ⁹ /L |
| Basophils | 0.0 | (< 0.3) | 10 ⁹ /L |
| PLATELETS | 265 | (150-450) | 10 ⁹ /L |
| MPV | 11.2 | (6.5-15.0) | fL |

FBC parameters normal.

Due to recent FBC instrumentation change, the FBC reference ranges have

been slightly adjusted for most parameters.

Tests to follow: CHEM,BSL,FE,B12/FOL,TFT,FATS,VD/PTH,CPEP,ANA,COES,GPC/IFA,R+++