

CONTE, ANGELA VICTORIA  
U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-ESR-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: ERYTHROCYTE SEDIMENT RATE  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
17:52

Erythrocyte Sedimentation Rate 2 mm/hr (1-20)

Tests Completed: ESR  
Tests Pending : TSH, IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SERUM  
FOLATE  
Tests Pending : SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE C-REACTIVE PROTEIN

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U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-VD-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: VITAMIN D, SERUM  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
18:12

CUMULATIVE SERUM VITAMIN D  
Date 28/04/20  
Time 09:00  
Lab No 99159792  
Vitamin D3 124 nmol/L (> 49)

99159792  
\*\* Progress report.

Tests Completed: TSH, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D, ESR  
Tests Pending : IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT  
Tests Pending : SE C-REACTIVE PROTEIN

CONTE, ANGELA VICTORIA  
U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-BFM-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: MASTER VITAMIN B12 FOLATE  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
18:12

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS

Date 28/04/20  
Time 09:00  
Lab No 99159792

|           |             |            |
|-----------|-------------|------------|
| B12 Total | 384 pmol/L  | (162-811)  |
| S.Fol.    | 36.2 nmol/L | (8.4-55.0) |

Comment:  
99159792

Serum Folate Assay:

Adequate Serum Folate.

In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:

Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

Methodology:

B12 assay performed on Siemens Diagnostics Centaur analyser.

Active B12 (HoloTC) assay performed on the Abbott Alinity analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson on number 07 3121 4605.

Tests Completed: TSH, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D, ESR  
Tests Pending : IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT  
Tests Pending : SE C-REACTIVE PROTEIN

CONTE, ANGELA VICTORIA  
 U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
 Phone: 07 55732028  
 Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
 Your Reference: Lab Reference: 20-99159792-THY-0  
 Laboratory: QML Pathology  
 Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU  
 Name of Test: THYROID TEST MASTER  
 Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
 18:12

CUMULATIVE SERUM THYROID FUNCTION TESTS

|           |          |          |          |          |          |                   |
|-----------|----------|----------|----------|----------|----------|-------------------|
| Date      | 02/01/14 | 27/04/15 | 25/08/16 | 30/08/17 | 28/04/20 |                   |
| Time      | 16:10    | 12:15    | 14:25    | 09:05    | 09:00    |                   |
| Lab No    | 65011567 | 60172918 | 66867561 | 66000227 | 99159792 |                   |
| TSH       | 0.96     | 1.1      | 1.4      | 1.3      | 1.8      | mIU/L (0.50-4.00) |
| aThyro'gb |          |          |          | 24       |          | IU/mL (< 60)      |
| aPeroxase |          |          |          | < 15     |          | IU/mL (< 60)      |

Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Please note, as from 24/06/2019, TSH is measured by a new ultra-sensitive assay. New reference intervals apply.

Tests Completed: TSH, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D, ESR  
 Tests Pending : IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT  
 Tests Pending : SE C-REACTIVE PROTEIN

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Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-ISM-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: MASTER IRON STUDIES  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
18:48

CUMULATIVE IRON STUDIES

Date 28/04/20  
Time 09:00  
Lab No 99159792

|            |     |        |          |
|------------|-----|--------|----------|
| Iron       | 24  | umol/L | (10-33)  |
| TIBC       | 52  | umol/L | (45-70)  |
| Saturation | 46  | %      | (16-50)  |
| Ferritin   | 133 | ug/L   | (25-290) |

Tests Completed:TSH, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D  
Tests Completed:SE C-REACTIVE PROTEIN, ESR  
Tests Pending :EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT

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U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-CRP-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU  
  
Name of Test: C REACTIVE PROTEIN  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
18:47

CUMULATIVE SERUM COMPLEMENT AND C-REACTIVE PROTEIN (CRP)  
Date 28/04/20  
Time 09:00  
Lab No 99159792

CRP < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.  
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed:TSH, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D  
Tests Completed:SE C-REACTIVE PROTEIN, ESR  
Tests Pending :EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT

CONTE, ANGELA VICTORIA  
 U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
 Phone: 07 55732028  
 Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
 Your Reference: Lab Reference: 20-99159792-CBC-0  
 Laboratory: QML Pathology  
 Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: MASTER FULL BLOOD COUNT  
 Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
 19:21

CUMULATIVE FULL BLOOD EXAMINATION

|        |          |                                      |
|--------|----------|--------------------------------------|
| Date   | 30/08/17 | 28/04/20                             |
| Time   | 09:05    | 09:00                                |
| Lab No | 66000227 | 99159792                             |
| Hb     | 134      | 128 g/L (115-160)                    |
| RCC    | 4.6      | 4.3 x10 <sup>12</sup> /L (3.6-5.2)   |
| Hct    | 0.42     | 0.41 (0.33-0.46)                     |
| MCV    | 92       | 96 fL (80-98)                        |
| MCH    | 29       | 30 pg (27-35)                        |
| Plats  | 264      | 200 x10 <sup>9</sup> /L (150-450)    |
| WCC    | 6.2      | 6.1 x10 <sup>9</sup> /L (4.0-11.0)   |
| Neuts  | 4.2 68 % | 4.1 x10 <sup>9</sup> /L (2.0-7.5)    |
| Lymphs | 1.4 22 % | 1.3 x10 <sup>9</sup> /L (1.1-4.0)    |
| Monos  | 0.6 8 %  | 0.5 x10 <sup>9</sup> /L (0.2-1.0)    |
| Eos    | 0.06 1 % | 0.06 x10 <sup>9</sup> /L (0.04-0.40) |
| Basos  | 0.00 1 % | 0.06 x10 <sup>9</sup> /L (< 0.21)    |
| E.S.R. |          | 2 mm/hr (1-20)                       |

99159792 Automated Comment:  
 As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

\*\* FINAL REPORT - Please destroy previous report \*\*

Tests Completed: TSH, IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D  
 Tests Completed: SE C-REACTIVE PROTEIN, ESR  
 Tests Pending : EBV AB, CMV AB, TTG, GLIADIN AB, SE E/LFT

CONTE, ANGELA VICTORIA  
U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-CDW-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU  
  
Name of Test: COELIAC AB MASTER  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
19:34

COELIAC DISEASE SEROLOGY

|                                  |              |
|----------------------------------|--------------|
| Gliadin IgG (deamidated peptide) | Not Detected |
| TTG IgA (human recombinant)      | Not Detected |

Negative serology makes the diagnosis of untreated coeliac disease unlikely provided the patient is on a gluten containing diet.

If a strong clinical suspicion exists, genetic testing for coeliac disease (HLA DQ2/DQ8) should be considered. A negative result for DQ2/DQ8 makes the diagnosis of coeliac disease highly unlikely. A small bowel biopsy may be required in the event of a positive DQ2/DQ8 result.

For enquiries, contact Dr David Heyworth-Smith (ph 07 31214444)

Tests Completed:TSH, IRON STUDIES, TTG, GLIADIN AB, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, SE VIT D, SE C-REACTIVE PROTEIN, ESR  
Tests Pending :EBV AB, CMV AB, SE E/LFT



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 Your Reference: Lab Reference: 20-99159792-25T-0  
 Laboratory: QML Pathology  
 Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: E/LFT (MASTER)  
 Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
 21:15

# CUMULATIVE SERUM BIOCHEMISTRY

| Date     | 30/08/17 | 05/10/17 | 28/04/20 |                    |
|----------|----------|----------|----------|--------------------|
| Time     | 09:05    | 08:50    | 09:00    |                    |
| Lab No   | 66000227 | 65999010 | 99159792 |                    |
|          | FASTING  | FASTING  | FASTING  | FASTING            |
| Sodium   | 141      | 140      | 140      | mmol/L (137-147)   |
| Potass.  | 4.1      | 4.0      | 4.2      | mmol/L (3.5-5.0)   |
| Chloride | 105      | 105      | 107      | mmol/L (96-109)    |
| Bicarb   | 27       | 25       | 22       | mmol/L (25-33)     |
| An.Gap   | 13       | 14       | 15       | mmol/L (4-17)      |
| Gluc     | 4.9      | 4.3      | 4.2      | mmol/L (3.0-6.0)   |
| Urea     | 4.4      | 3.6      | 3.0      | mmol/L (2.0-7.0)   |
| Creat    | 49       | 47       | 55       | umol/L (40-110)    |
| eGFR     | > 90     | > 90     | > 90     | mL/min (over 59)   |
| Urate    | 0.28     | 0.29     | 0.26     | mmol/L (0.14-0.35) |
| T.Bili   | 9        | 12       | 10       | umol/L (2-20)      |
| Alk.P    | 59       | 58       | 47       | U/L (30-115)       |
| GGT      | 24       | 25       | 29       | U/L (0-45)         |
| ALT      | 12       | 13       | 17       | U/L (0-45)         |
| AST      | 15       | 14       | 13       | U/L (0-41)         |
| LD       | 143      | 137      | 170      | U/L (80-250)       |
| Calcium  | 2.26     | 2.33     | 2.21     | mmol/L (2.25-2.65) |
| Corr.Ca  | 2.33     | 2.34     | 2.22     | mmol/L (2.25-2.65) |
| Phos     | 0.9      | 0.9      | 1.0      | mmol/L (0.8-1.5)   |
| T.Prot   | 69       | 69       | 67       | g/L (60-82)        |
| Alb      | 40       | 42       | 42       | g/L (35-50)        |
| Glob     | 29       | 27       | 25       | g/L (20-40)        |
| Chol     | 4.7      | 4.8      | 4.3      | mmol/L (3.6-6.7)   |
| Trig     | 0.6      | 0.6      | 1.3      | mmol/L (0.3-2.2)   |
| Lab No   | 66000227 | 65999010 | 99159792 |                    |
| Date     | 30/08/17 | 05/10/17 | 28/04/20 |                    |

99159792 \* Difficulty was encountered with blood collection.  
 \* The depressed bicarbonate may in part be due to atmospheric loss from the small amount of sample collected.  
 \* Slightly haemolysed sample.

Tests Completed:TSH, IRON STUDIES, TTG, GLIADIN AB, FBC, SERUM FOLATE  
 Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE C-REACTIVE PROTEIN, ESR  
 Tests Pending :EBV AB, CMV AB

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U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159798-FMX-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: FAECES MICRO  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 29/04/2020  
14:42

FAECES MICROSCOPY  
APPEARANCE: Semi-formed  
MICROSCOPY  
No ova, cysts or parasites seen

ANTIGEN ASSAY  
Giardia Not Detected  
Cryptosporidium Not Detected

Tests Completed: FAECES MICRO  
Tests Pending :

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Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-VD-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: VITAMIN D, SERUM  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 28/04/2020  
18:12

CUMULATIVE SERUM VITAMIN D  
Date 28/04/20  
Time 09:00  
Lab No 99159792  
Vitamin D3 124 nmol/L (> 49)  
99159792  
\*\* Progress report.

Tests Completed: TSH, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D, ESR  
Tests Pending : IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SE E/LFT  
Tests Pending : SE C-REACTIVE PROTEIN

CONTE, ANGELA VICTORIA  
U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-CVW-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU

Name of Test: CYTOMEGALOVIRUS MASTER  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 01/05/2020  
01:24

MICROBIAL SEROLOGY

CMV IgG (EIA): Negative  
CMV IgM (EIA): Negative

No serological evidence of exposure.

If infection is suspected, please repeat in 14 days.

Tests Completed: TSH, IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SERUM  
FOLATE  
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE C-REACTIVE PROTEIN,  
ESR  
Tests Pending :

CONTE, ANGELA VICTORIA  
U 48 1 MCAULEY PARADE, PACIFIC PINES. 4211  
Phone: 07 55732028  
Birthdate: 03/11/1983 Sex: F Medicare Number: 26852343731  
Your Reference: Lab Reference: 20-99159792-EBS-0  
Laboratory: QML Pathology  
Addressee: DR PUNEET PANNU Referred by: DR PUNEET PANNU  
Name of Test: EPSTEIN BARR VIRUS MASTER  
Requested: 24/04/2020 Collected: 28/04/2020 Reported: 01/05/2020  
01:24

#### MICROBIAL SEROLOGY

EBV VCA IgG (EIA): POSITIVE  
EBV EBNA IgG (EIA): POSITIVE  
EBV VCA IgM (EIA): Negative

Evidence of past exposure.

#### TYPICAL EBV SEROLOGY PATTERNS

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VCA = Viral Capsid Antigen EBNA = EBV Nuclear Antigen  
Anti-VCA IgG: Levels peak after 1-3 months (long term persistence)  
Anti-EBNA IgG: Appears 2-6 months after infection and persists  
Anti-VCA IgM: Acute marker of infection (disappears 1-2 months)

Tests Completed: TSH, IRON STUDIES, EBV AB, CMV AB, TTG, GLIADIN AB, FBC, SERUM FOLATE

Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE C-REACTIVE PROTEIN, ESR

Tests Pending :