

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-M-M210
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: URINE MCS1
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 01/10/2023
12:24

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Urine - Microscopy/Culture/Sensitivity

Specimen type	Urine		
pH	7		
Protein	Nil		
Glucose	Nil		
Specific Gravity	1.008	(1.005 - 1.030)	
Leucocytes	<10	(<10)	x 10 ⁶ /L
Erythrocytes	<10	(<20)	x 10 ⁶ /L
Squam Epi Cells	<10		x 10 ⁶ /L

Culture No pathogens isolated

MICROAB

FINAL REPORT - Updated on 01/10/2023 at 11:34

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Urine MCS
Tests Pending : Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), H pylori, Vitamin D, FBE
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-C-H245
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: .ANAEMIA
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 02/10/2023
04:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Haematinics

Date Time Lab Id.	Latest Results		Reference	Units
	28-Jun-21 1313 660488324	30-Sep-23 1018 686701887		
Iron	14	14	(5-30)	umol/L
Transferrin	2.3	2.4	(1.9-3.1)	g/L
TIBC	58	60	(47-77)	umol/L
Trans Sat	24	23	(20-45)	%
Ferritin	55	53	(30-300)	ug/L
CRP	3.0	0.9	(<5)	mg/L
Vitamin B12	344	409	(>150)	pmol/L
Active B12	83		(>35)	pmol/L
Folate serum	>45	21	(>7.0)	nmol/L

Comments on Collection 30-Sep-23 1018:
Iron Studies
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (400 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 400 pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Urine MCS
Tests Pending : H pylori, Vitamin D, FBE
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-C-C253
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: S-LIPASE
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 02/10/2023
04:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Lipase

Lipase 22 (0 - 80) U/L

CA

Sullivan Nicolaidies Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Urine MCS
Tests Pending : H pylori, Vitamin D, FBE
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-C-C290
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: S-C REACTIVE PROTEIN
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 02/10/2023
04:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

	Latest Results			
Date	28-Jun-21	30-Sep-23		
Time	1313	1018		
Lab Id.	660488324	686701887	Reference	Units
CRP	3.0	0.9	(<5)	mg/L

Comments on Collection 30-Sep-23 1018:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Urine MCS

Tests Pending : H pylori, Vitamin D, FBE

Sample Pending :

GEARY-GORTON, NICOLE
 75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
 Phone: 0497993698
 Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
 Your Reference: C7FE3CF6B4 Lab Reference: 686701887-C-C140
 Laboratory: SNP
 Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: S-ROUTINE CHEMISTRY
 Requested: 30/09/2023 Collected: 30/09/2023 Reported: 02/10/2023
 04:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Chemistry (serum)

Date Time Lab Id.	Latest Results		Reference	Units
	28-Jun-21 1313 660488324	30-Sep-23 1018 686701887		
Sodium	140	140	(135-145)	mmol/L
Potassium	4.0	4.3	(3.5-5.5)	mmol/L
Chloride	104	107	(95-110)	mmol/L
Bicarbonate	28	24	(20-32)	mmol/L
Anion Gap	8	9	(<16)	mmol/L
Calcium (Corr.)	2.49	2.42	(2.10-2.60)	mmol/L
Phosphate	1.10	0.94	(0.80-1.50)	mmol/L
Urea	5.4	3.7	(3.0-8.0)	mmol/L
Urate	0.247	0.287	(0.150-0.400)	mmol/L
Creatinine	65	66	(45-85)	umol/L
eGFR	>90	>90	(>59)	
Random Glucose	6.0	5.6	(3.6-7.7)	mmol/L
Total Protein	72	73	(63-80)	g/L
Albumin	38	40	(32-44)	g/L
Globulin	34	33	(23-43)	g/L
T Bilirubin	<5	6	(<16)	umol/L
ALP	60	58	(30-115)	U/L
AST	16	25	(10-35)	U/L
ALT	16	31 H	(5-30)	U/L
GGT	12	13	(5-35)	U/L
LDH	164	168	(<250)	U/L
Cholesterol	5.0	5.1	(<5.6)	mmol/L
Haemolysis Index	4	2	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Urine MCS

Tests Pending : H pylori, Vitamin D, FBE

Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-E-E030
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: S- THYROID FUNCTION
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 02/10/2023
04:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Thyroid Function Tests

		Latest Results			
Date	28-Jun-21	30-Sep-23			
Time	1313	1018			
Lab Id.	660488324	686701887	Reference	Units	
TSH	3.5	2.0	(0.3-4.0)	mIU/L	

Comments on Collection 30-Sep-23 1018:
Euthyroid

EA

Sullivan Nicolaidas Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Urine MCS

Tests Pending : H pylori, Vitamin D, FBE
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-E-E405
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: S-VITAMIN D
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 03/10/2023
09:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

25 Hydroxy Vitamin D

25-OH Vitamin D 61 (50 - 150) nmol/L

Comments on Collection 686701887

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 deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

ES

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Vitamin D, Urine MCS
Tests Pending : H pylori, FBE
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-H-H900
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: .BLOOD COUNT
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 03/10/2023
10:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Haematology

Date	Latest Results		Reference	Units
	28-Jun-21	30-Sep-23		
Time	1313	1018		
Lab Id.	660488324	686701887		
Haemoglobin	134	143	(115-165)	g/L
Haematocrit	0.40	0.45	(0.35-0.47)	
RCC	4.5	4.8	(3.9-5.6)	10*12/L
MCV	89	94	(80-100)	fL
WCC	7.3	6.1	(3.5-12.0)	10*9/L
Neutrophils	3.72	2.92	(1.5-8.0)	10*9/L
Lymphocytes	2.67	2.31	(1.0-4.0)	10*9/L
Monocytes	0.73	0.68	(0-0.9)	10*9/L
Eosinophils	0.13	0.11	(0-0.6)	10*9/L
Basophils	0.08	0.08	(0-0.15)	10*9/L
Platelets	247	276	(150-400)	10*9/L

Comments on Collection 30-Sep-23 1018:
Red cell agglutination is evident on the blood film.

EH

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), Vitamin D, FBE, Film, Urine MCS
Tests Pending : H pylori
Sample Pending :

GEARY-GORTON, NICOLE
75 CORAL FERN CIRCUIT, MURWILLUMBAH. 2484
Phone: 0497993698
Birthdate: 20/01/1971 Sex: F Medicare Number: 4295634015 -
Your Reference: C7FE3CF6B4 Lab Reference: 686701887-S-E186
Laboratory: SNP
Addressee: DR PETER G BARRY Referred by: DR PETER G BARRY

Name of Test: /H.PYLORI VIRTUAL
Requested: 30/09/2023 Collected: 30/09/2023 Reported: 03/10/2023
14:23

Clinical notes: Fever, nausea, pelvic/abdo discomfort; Vit D deficiency

Clinical Notes : Fever, nausea, pelvic/abdo discomfort; Vit D
deficiency

Helicobacter pylori

Helicobacter pylori IgG (ChLIA) Negative

Comments on Collection 686701887

No serological evidence of past or current Helicobacter pylori infection.

If this is an acute specimen, a further sample in 10 - 14 days may be clinically indicated.

H.pylori infection has been linked to duodenal (100%) and gastric (70%) ulceration but also to non-ulcer dyspepsia (40-50%), gastric carcinoma, primary gastric lymphoma and iron deficiency anaemia. Infection results in chronic inflammation of the gastric antrum sometimes with no symptoms or immediate clinical consequences. Eradication therapy for all patients with active H.pylori infection is recommended.

SA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Lipase, CRP, E/LFT, TSH, Vitamin B12,
Folate (Serum), H pylori, Vitamin D, FBE, Film, Urine MCS

Tests Pending :
Sample Pending :