

Patient Investigations

Name: Miss Karla POUND
Address: 119 Jubilee Pocket Road
Jubilee Pocket 4802
D.O.B.: 22/07/1988
Record No.:
Home Phone:
Work Phone:
Mobile Phone: 0410 726 866

Affinity Family Medical
Suite 20/230 Shute Harbour Rd
Cannonvale 4802
0748045680

Printed on 17th May 2024

Investigations:

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 **Sex:** F **Medicare Number:** 2585156156
Your Reference: DA430A8BCB **Lab Reference:** 526101875-H-H900
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: .BLOOD COUNT
Requested: 22/04/2024 **Collected:** 27/04/2024 **Reported:** 28/04/2024 14:23

Clinical notes: telehealth

Clinical Notes : telehealth

Haematology

Date	Latest Results				Reference	Units
	08-Aug-22	31-Oct-23	22-Feb-24	27-Apr-24		
Time	1451	0946	1425	0859		
Lab Id.	668998562	686219468	685912419	526101875		
Haemoglobin	139	128	124	134	(115-165)	g/L
Haematocrit	0.42	0.41	0.37	0.41	(0.35-0.47)	
RCC	4.5	4.2	4.0	4.3	(3.9-5.6)	10*12/L
MCV	95	97	93	95	(80-100)	fL
WCC	6.7	5.7	6.4	5.5	(3.5-12.0)	10*9/L
Neutrophils	4.60	2.91	3.50	3.09	(1.5-8.0)	10*9/L
Lymphocytes	1.49	2.08	2.14	1.79	(1.0-4.0)	10*9/L
Monocytes	0.38	0.45	0.47	0.34	(0-0.9)	10*9/L
Eosinophils	0.19	0.24	0.24	0.21	(0-0.6)	10*9/L
Basophils	0.05	0.03	0.07	0.05	(0-0.15)	10*9/L
Platelets	220	228	273	249	(150-400)	10*9/L

HA

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

Tests Completed: FBE

Tests Pending : Phosphate, HDL-Cholesterol, Calcium(Corr), Iron Studies,
Magnesium , E/LFT, TSH, HbA1c

Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 **Sex:** F **Medicare Number:** 2585156156
Your Reference: DA430A8BCB **Lab Reference:** 526101875-C-C140
Laboratory: SNP

Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: S- ROUTINE CHEMISTRY

Requested: 22/04/2024 Collected: 27/04/2024 Reported: 28/04/2024 16:23

Clinical notes: telehealth

Clinical Notes : telehealth

Chemistry (serum)

Date	Latest Results				Reference	Units
	08-Aug-22	29-Sep-22	22-Feb-24	27-Apr-24		
Time	1451	0931	1425	0859		
Lab Id.	668998562	669490809	685912419	526101875		
Sodium	140		145	137	(135-145)	mmol/L
Potassium	4.0		4.6	4.1	(3.5-5.5)	mmol/L
Chloride	104		107	106	(95-110)	mmol/L
Bicarbonate	28		29	22	(20-32)	mmol/L
Anion Gap	8		9	9	(<16)	mmol/L
Calcium (Corr.)	2.26		2.37	2.25	(2.10-2.60)	mmol/L
Phosphate	1.06		1.38	0.87	(0.80-1.50)	mmol/L
Urea	5.3		4.1	5.3	(2.5-7.0)	mmol/L
Urate	0.373		0.353	0.288	(0.150-0.400)	mmol/L
Creatinine	68		87 H	83	(45-85)	umol/L
eGFR	>90		75	79	(>59)	
Random Glucose	3.3 L		4.3	6.4	(3.6-7.7)	mmol/L
Total Protein	72	70	67	65	(64-81)	g/L
Albumin	44	44	41	42	(33-46)	g/L
Globulin	28	26	26	23	(23-43)	g/L
T Bilirubin	12	11	<5	8	(<16)	umol/L
ALP	47	50	59	58	(20-105)	U/L
AST	21	22	15	22	(10-35)	U/L
ALT	16	16	13	15	(5-30)	U/L
GGT	12	14	14	13	(5-35)	U/L
LDH	179		171	158	(<250)	U/L
Cholesterol	4.8		4.2	3.9	(<5.6)	mmol/L
Triglyceride				0.8	(<2.1)	mmol/L
Magnesium			0.84	0.80	(0.70-1.10)	mmol/L
Haemolysis Index	10	11	10	7	(<40)	mg/dL

CA

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

Tests Completed: Phosphate, HDL-Cholesterol, Calcium(Corr), Magnesium , E/LFT, FBE

Tests Pending : Iron Studies, TSH, HbA1c

Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 Sex: F Medicare Number: 2585156156
Your Reference: DA430A8BCB Lab Reference: 526101875-C-C847
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: S- LIPID PROFILE

Requested: 22/04/2024 Collected: 27/04/2024 Reported: 28/04/2024 16:23

Clinical notes: telehealth

Clinical Notes : telehealth

Lipid Profile

Date	Latest Results			
	26-Mar-22	08-Aug-22	22-Feb-24	27-Apr-24

Time	0919	1451	1425	0859		
Lab Id.	666018347	668998562	685912419	526101875	Reference	Units
Cholesterol	4.8	4.8	4.2	3.9	(<5.6)	mmol/L
Triglyceride				0.8	(<2.1)	mmol/L
HDL				1.73	(>1.09)	mmol/L
LDL				1.8	(<4.1)	mmol/L
Chol/HDL Ratio				2.3	(<4.6)	
Non HDLC				2.17	(<3.81)	mmol/L

Comments on Collection 27-Apr-24 0859:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

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

Tests Completed: Phosphate,HDL-Cholesterol,Calcium(Corr),Magnesium , E/LFT,FBE

Tests Pending : Iron Studies,TSH,HbA1c

Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 Sex: F Medicare Number: 2585156156
Your Reference: DA430A8BCB Lab Reference: 526101875-C-H245
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: .ANAEMIA

Requested: 22/04/2024 Collected: 27/04/2024 Reported: 28/04/2024 17:23

Clinical notes: telehealth

Clinical Notes : telehealth

Haematinics

	Latest Results					
Date	08-Aug-22	29-Sep-22	22-Feb-24	27-Apr-24		
Time	1451	0931	1425	0859		
Lab Id.	668998562	669490809	685912419	526101875	Reference	Units
Iron	23	24	13	17	(5-30)	umol/L
Transferrin	2.7	2.7	2.3	2.6	(1.9-3.1)	g/L
TIBC	69	69	59	65	(47-77)	umol/L
Trans Sat	33	35	22	26	(20-45)	%
Ferritin	140	132	118	107	(30-250)	ug/L
CRP		<0.4			(<5)	mg/L

Comments on Collection 27-Apr-24 0859:

Iron Studies

Normal Iron Status.

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

Tests Completed: Phosphate,HDL-Cholesterol,Calcium(Corr),Iron Studies,
Magnesium ,E/LFT,TSH,FBE
Tests Pending : HbA1c
Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 Sex: F Medicare Number: 2585156156
Your Reference: DA430A8BCB Lab Reference: 526101875-E-E030
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: S- THYROID FUNCTION
Requested: 22/04/2024 Collected: 27/04/2024 Reported: 28/04/2024 17:23

Clinical notes: telehealth

Clinical Notes : telehealth

Thyroid Function Tests

					Latest Results	
Date	07-Dec-16	26-Mar-22	22-Feb-24	27-Apr-24		
Time	1120	0919	1425	0859		
Lab Id.	633133781	666018347	685912419	526101875	Reference	Units
Free T4	12.8				(9.0-19.0)	pmol/L
TSH	0.9	1.2	1.0	0.8	(0.3-3.5)	mIU/L

Comments on Collection 27-Apr-24 0859:
Euthyroid

EA

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

Tests Completed: Phosphate,HDL-Cholesterol,Calcium(Corr),Iron Studies,
Magnesium ,E/LFT,TSH,FBE
Tests Pending : HbA1c
Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 Sex: F Medicare Number: 2585156156
Your Reference: DA430A8BCB Lab Reference: 526101875-H-E416
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: HBA1C
Requested: 22/04/2024 Collected: 27/04/2024 Reported: 29/04/2024 12:23

Clinical notes: telehealth

Clinical Notes : telehealth

HbA1c

					Latest Results	
Date			22-Feb-24	27-Apr-24		
Time			1425	0859		
Lab Id.			685912419	526101875	Reference	Units
HbA1c (NGSP)		5.0	4.9	(<6.5)	%	
HbA1c (IFCC)		32	30	(<48)	mmol/mol	

Comments on Collection 27-Apr-24 0859:
The currently accepted cut-point for diagnosis of Type 2 Diabetes is an
HbA1c level equal to or greater than 6.5% (48 mmol/mol) in patients with

normal red blood cell turnover.

An abnormal screening HbA1c equal to or greater than 6.5% (48 mmol/mol) should be confirmed by a repeat HbA1c level as soon as possible, prior to any dietary adjustment or therapeutic intervention.
If the follow up HbA1c is less than 6.5% (48mmol/mol) then the patient does not have diabetes and should be rescreened in 12 months time.
(Ref: MJA 197/4:220-221 (2012))

Patients with HbA1c levels of 5.7 - 6.4% (38 - 46 mmol/mol) may still have a slightly increased risk of microvascular complications according to the AusDiab study.

The Medicare item for HbA1C for diagnosis of Diabetes Mellitus is limited to one test per 12 months; for monitoring Diabetes testing remains unchanged - 4 tests per 12 months.

Further information may be found at MBS online

<http://www9.health.gov.au/mbs/search.cfm>

An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

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

Tests Completed: Phosphate, HDL-Cholesterol, Calcium(Corr), Iron Studies, Magnesium, E/LFT, TSH, HbA1c, FBE

Tests Pending :

Sample Pending :

POUND, KARLA
119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 **Sex:** F **Medicare Number:** 2585156156
Your Reference: 92A0308448 **Lab Reference:** 516101725-C-C140
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S- ROUTINE CHEMISTRY

Requested: 30/04/2024 **Collected:** 01/05/2024 **Reported:** 02/05/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Chemistry (serum)

Date	Latest Results				Reference	Units
	29-Sep-22	22-Feb-24	27-Apr-24	01-May-24		
Time F-Fast	0931	1425	0859	0644 F		
Lab Id.	669490809	685912419	526101875	516101725		
Sodium		145	137		(135-145)	mmol/L
Potassium		4.6	4.1		(3.5-5.5)	mmol/L
Chloride		107	106		(95-110)	mmol/L
Bicarbonate		29	22		(20-32)	mmol/L
Anion Gap		9	9		(<16)	mmol/L
Calcium (Corr.)		2.37	2.25		(2.10-2.60)	mmol/L
Phosphate		1.38	0.87		(0.80-1.50)	mmol/L
Urea		4.1	5.3		(2.5-7.0)	mmol/L
Urate		0.353	0.288		(0.150-0.400)	mmol/L
Creatinine		87 H	83		(45-85)	umol/L
eGFR		75	79		(>59)	
Fast. Glucose				5.1	(3.6-6.0)	mmol/L
Random Glucose		4.3	6.4		(3.6-7.7)	mmol/L
Total Protein	70	67	65		(64-81)	g/L
Albumin	44	41	42		(33-46)	g/L
Globulin	26	26	23		(23-43)	g/L
T Bilirubin	11	<5	8		(<16)	umol/L
ALP	50	59	58		(20-105)	U/L
AST	22	15	22		(10-35)	U/L
ALT	16	13	15		(5-30)	U/L

GGT	14	14	13	(5-35)	U/L
LDH		171	158	(<250)	U/L
Cholesterol		4.2	3.9	4.5	(<5.6) mmol/L
Triglyceride			0.8	1.1	(<2.1) mmol/L
Magnesium		0.84	0.80		(0.70-1.10) mmol/L
Haemolysis Index	11	10	7	5	(<40) mg/dL

CA

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

Tests Completed: Glucose,HDL-Cholesterol,Vitamin B12,Folate (Serum),Active B12
 Tests Pending :
 Sample Pending :

POUND, KARLA
 119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 **Sex:** F **Medicare Number:** 2585156156
Your Reference: 92A0308448 **Lab Reference:** 516101725-C-C847
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S_LIPID PROFILE
Requested: 30/04/2024 **Collected:** 01/05/2024 **Reported:** 02/05/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Lipid Profile

	Latest Results					
Date	08-Aug-22	22-Feb-24	27-Apr-24	01-May-24		
Time F-Fast	1451	1425	0859	0644 F		
Lab Id.	668998562	685912419	526101875	516101725	Reference	Units
Cholesterol	4.8	4.2	3.9	4.5	(<5.6)	mmol/L
Triglyceride			0.8	1.1	(<2.1)	mmol/L
HDL			1.73	1.63	(>1.09)	mmol/L
LDL			1.8	2.4	(<4.1)	mmol/L
Chol/HDL Ratio			2.3	2.8	(<4.6)	
Non HDLC			2.17	2.87	(<3.81)	mmol/L

Comments on Collection 01-May-24 0644 F:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

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).

CA

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

Tests Completed: Glucose,HDL-Cholesterol,Vitamin B12,Folate (Serum),Active B12
 Tests Pending :
 Sample Pending :

POUND, KARLA
 119 JUBILEE POCKET ROAD, JUBILEE POCKET. 4802
Phone: 0410726866
Birthdate: 22/07/1988 **Sex:** F **Medicare Number:** 2585156156
Your Reference: 92A0308448 **Lab Reference:** 516101725-E-H245
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: .ANAEMIA
Requested: 30/04/2024 **Collected:** 01/05/2024 **Reported:** 02/05/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematinics

Date				Latest Results		Units
	29-Sep-22	22-Feb-24	27-Apr-24	01-May-24		
Time F-Fast	0931	1425	0859	0644 F		
Lab Id.	669490809	685912419	526101875	516101725	Reference	
Iron	24	13	17		(5-30)	umol/L
Transferrin	2.7	2.3	2.6		(1.9-3.1)	g/L
TIBC	69	59	65		(47-77)	umol/L
Trans Sat	35	22	26		(20-45)	%
Ferritin	132	118	107		(30-250)	ug/L
CRP	<0.4				(<5)	mg/L
Vitamin B12				307	(>150)	pmol/L
Active B12				74	(>35)	pmol/L
Folate serum				27	(>7.0)	nmol/L

Comments on Collection 01-May-24 0644 F:
 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.

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status.
Holotranscobalamin level indicates Vitamin B12 deficiency unlikely.
 Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

EA

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

Tests Completed: Glucose,HDL-Cholesterol,Vitamin B12,Folate (Serum),Active B12
 Tests Pending :
 Sample Pending :