

TOGNOLA, DONNA
390 MARKS LANE, ATHERTON. 4883
Phone: 0408039731
Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
Your Reference: 448CA3E4CD Lab Reference: 686694418-E-E030
Laboratory: SNP
Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
Copy to:
DR ESHWARSHANKER JEYARAJAN

Name of Test: S- THYROID FUNCTION
Requested: 21/11/2023 Collected: 22/01/2024 Reported: 23/01/2024
13:19

Clinical notes: Not Provided

Subclinical hypo-thyroid

Clinical Notes : Not Provided

Thyroid Function Tests

Date	Latest Results				Reference	Units
	13-Feb-23	27-Mar-23	24-Jul-23	22-Jan-24		
Time F-Fast	1209	1219 F	1228	1024 F		
Lab Id.	671996644	671497996	682117923	686694418		
Free T4	11.0	11.0	9.4	10.8	(9.0-19.0)	pmol/L
Free T3		3.6		3.7	(2.6-6.0)	pmol/L
TSH	2.6	2.0	2.9	2.1	(0.3-3.5)	mIU/L

Comments on Collection 22-Jan-24 1024 F:
Euthyroid

EA

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, Lithium, E/LFT, TFT ,
Folate (Serum), Active B12, FBE, ESR

Tests Pending :
Sample Pending :

TOGNOLA, DONNA
 390 MARKS LANE, ATHERTON. 4883
 Phone: 0408039731
 Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
 Your Reference: 8FD62884B6 Lab Reference: 527075599-H-H900
 Laboratory: SNP
 Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
 Copy to:
 DR ESHWARSHANKER JEYARAJAN

Name of Test: .BLOOD COUNT
 Requested: 22/04/2024 Collected: 05/09/2024 Reported: 05/09/2024
 16:19

Clinical notes: due SEPTEMBER

Clinical Notes : due SEPTEMBER

Haematology

Date	Latest Results				Reference	Units
	14-Mar-24	28-Jun-24	12-Aug-24	05-Sep-24		
Time F-Fast	1140 F	1228	1046 F	1112 F		
Lab Id.	684100903	526415618	531696655	527075599		
Haemoglobin	123	127	128	122	(115-165)	g/L
Haematocrit	0.37	0.39	0.39	0.36	(0.35-0.47)	
RCC	4.2	4.3	4.3	4.1	(3.9-5.6)	10*12/L
MCV	88	90	91	89	(80-100)	fL
WCC	6.4	7.3	5.5	5.4	(3.5-12.0)	10*9/L
Neutrophils	4.19	5.00	3.47	3.56	(1.5-8.0)	10*9/L
Lymphocytes	1.76	1.89	1.64	1.50	(1.0-4.0)	10*9/L
Monocytes	0.27	0.21	0.26	0.22	(0-0.9)	10*9/L
Eosinophils	0.14	0.12	0.12	0.12	(0-0.6)	10*9/L
Basophils	0.01	0.04	0.03	0.03	(0-0.15)	10*9/L
Platelets	158	160	157	151	(150-400)	10*9/L

HA

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

Tests Completed: FBE

Tests Pending : HDL-Cholesterol, Iron Studies, CRP, Lithium, E/LFT, ESR

Sample Pending :

TOGNOLA, DONNA
390 MARKS LANE, ATHERTON. 4883
Phone: 0408039731
Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
Your Reference: 8FD62884B6 Lab Reference: 527075599-H-H050
Laboratory: SNP
Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
Copy to: DR ESHWARSHANKER JEYARAJAN

Name of Test: ESR
Requested: 22/04/2024 Collected: 05/09/2024 Reported: 05/09/2024
17:19

Clinical notes: due SEPTEMEBER

Clinical Notes : due SEPTEMEBER

Inflammation - thyroid antibodies?

	Latest Results					
Date	13-May-21	22-Jan-24	14-Mar-24	05-Sep-24		
Time F-Fast	1019 F	1024 F	1140 F	1112 F		
Lab Id.	659678297	686694418	684100903	527075599	Reference	Units

ESR	13 H	15 H	28 H	16 H	(1-12)	mm/h
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HA

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

Tests Completed: FBE,ESR

Tests Pending : HDL-Cholesterol,Iron Studies,CRP,Lithium,E/LFT

Sample Pending :

TOGNOLA, DONNA
 390 MARKS LANE, ATHERTON. 4883
 Phone: 0408039731
 Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
 Your Reference: 8FD62884B6 Lab Reference: 527075599-C-C847
 Laboratory: SNP
 Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
 Copy to:
 DR ESHWARSHANKER JEYARAJAN

Name of Test: S- LIPID PROFILE
 Requested: 22/04/2024 Collected: 05/09/2024 Reported: 06/09/2024
 12:19

Clinical notes: due SEPTEMBER

high triglycerides - metabolic syn
 poor chol balance - thyroid?

Clinical Notes : due SEPTEMBER

Lipid Profile

Date	Latest Results				Reference	Units
	14-Mar-24	28-Jun-24	12-Aug-24	05-Sep-24		
Time F-Fast	1140 F	1228	1046 F	1112 F		
Lab Id.	684100903	526415618	531696655	527075599		
Cholesterol	5.4	5.2	5.8 H	5.1	(<5.6)	mmol/L
Triglyceride	2.2 H			2.1 H	(<2.1)	mmol/L
HDL	0.99 L			0.98 L	(>1.09)	mmol/L
LDL	3.5			3.3	(<4.1)	mmol/L
Chol/HDL Ratio	5.5 H			5.2 H	(<4.6)	
Non HDLC	4.41 H			4.12 H	(<3.81)	mmol/L

Comments on Collection 05-Sep-24 1112 F:

HDL-Cholesterol

Raised non-HDL cholesterol, fasting triglycerides and a reduced HDL cholesterol level indicate an increased risk of coronary artery disease. 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).

CA

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

Tests Completed: HDL-Cholesterol, CRP, FBE, ESR
 Tests Pending : Iron Studies, Lithium, E/LFT
 Sample Pending :

TOGNOLA, DONNA
390 MARKS LANE, ATHERTON. 4883
Phone: 0408039731
Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
Your Reference: 8FD62884B6 Lab Reference: 527075599-C-C290
Laboratory: SNP
Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
Copy to:
DR ESHWARSHANKER JEYARAJAN

Name of Test: S-C REACTIVE PROTEIN
Requested: 22/04/2024 Collected: 05/09/2024 Reported: 06/09/2024
12:19

Clinical notes: due SEPTEMBER

Clinical Notes : due SEPTEMBER

	Latest Results				
Date	27-Mar-23	22-Jan-24	14-Mar-24	05-Sep-24	
Time F-Fast	1219 F	1024 F	1140 F	1112 F	
Lab Id.	671497996	686694418	684100903	527075599	Reference Units
CRP	2.2	1.9	3.5	2.1	(<5) mg/L

Comments on Collection 05-Sep-24 1112 F:

C Reactive Protein

CRP is a more sensitive early indicator of an acute phase response than is ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

If CRP is elevated, it can indicate disease activity of an inflammatory, infective or neoplastic nature.

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: HDL-Cholesterol, CRP, FBE, ESR

Tests Pending : Iron Studies, Lithium, E/LFT

Sample Pending :

TOGNOLA, DONNA
 390 MARKS LANE, ATHERTON. 4883
 Phone: 0408039731
 Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
 Your Reference: 8FD62884B6 Lab Reference: 527075599-C-H245
 Laboratory: SNP
 Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
 Copy to:
 DR ESHWARSHANKER JEYARAJAN

Name of Test: .ANAEMIA
 Requested: 22/04/2024 Collected: 05/09/2024 Reported: 06/09/2024
 13:19

Clinical notes: due SEPTEMEBER

Clinical Notes : due SEPTEMEBER

Haematinics

Date	Latest Results				Reference	Units
	22-Jan-24	14-Mar-24	28-Jun-24	05-Sep-24		
Time F-Fast	1024 F	1140 F	1228	1112 F		
Lab Id.	686694418	684100903	526415618	527075599		
Iron	15		24	14	(5-30)	umol/L
Transferrin	2.9		3.1	2.8	(1.9-3.1)	g/L
TIBC	74		79 H	71	(47-77)	umol/L
Trans Sat	20		30	20	(20-45)	%
Ferritin	123		113	115	(30-250)	ug/L
CRP	1.9	3.5		2.1	(<5)	mg/L
Vitamin B12			230		(>150)	pmol/L
Active B12	94		80		(>35)	pmol/L
Folate serum	13		16		(>7.0)	nmol/L

Comments on Collection 05-Sep-24 1112 F:
 Iron Studies
 Normal Iron Status.

High normal TIBC, ferritin - falsely
 elevated due to inflammation?

CA

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, Lithium, FBE, ESR
 Tests Pending : E/LFT
 Sample Pending :

TOGNOLA, DONNA
390 MARKS LANE, AHERTON. 4883
Phone: 0408039731
Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
Your Reference: 8FD62884B6 Lab Reference: 527075599-C-C450
Laboratory: SNP
Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
Copy to:
DR ESHWARSHANKER JEYARAJAN

Name of Test: S-LITHIUM
Requested: 22/04/2024 Collected: 05/09/2024 Reported: 06/09/2024
13:19

Clinical notes: due SEPTEMBER

Clinical Notes : due SEPTEMBER

	Latest Results					
Date	14-Mar-24	28-Jun-24	12-Aug-24	05-Sep-24		
Time F-Fast	1140 F	1228	1046 F	1112 F		
Lab Id.	684100903	526415618	531696655	527075599	Reference	Units
S-Lithium	0.74	0.62	0.76	0.76	(0.50-0.80)	mmol/L
Last Dose	2330	2253	2200	2300		h

Comments on Collection 05-Sep-24 1112 F:

Lithium

Pharmacokinetic Considerations: Steady state levels are achieved in 5 days. Optimal sampling time is 12 hours after the last dose for both standard and slow release formulations.

Interpretation: The therapeutic range is valid for maintenance therapy in stable patients. Lithium levels up to 1.5 mmol/L may be required for a therapeutic effect in acute psychosis, however, such levels carry risk of lithium toxicity. Toxicity is common at levels of 2.0 mmol/L and serious toxicity occurs at levels of 3.0 mmol/L.

AE

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, Lithium, FBE, ESR
Tests Pending : E/LFT
Sample Pending :

TOGNOLA, DONNA
 390 MARKS LANE, ATHERTON. 4883
 Phone: 0408039731
 Birthdate: 14/01/1984 Sex: F Medicare Number: 4290117336
 Your Reference: 8FD62884B6 Lab Reference: 527075599-C-C140
 Laboratory: SNP
 Addressee: DR JOANNE RADCLIFFE Referred by: DR JOANNE RADCLIFFE
 Copy to: DR ESHWARSHANKER JEYARAJAN

Name of Test: S- ROUTINE CHEMISTRY
 Requested: 22/04/2024 Collected: 05/09/2024 Reported: 06/09/2024
 14:19

Clinical notes: due SEPTEMEBER

Clinical Notes : due SEPTEMEBER

Chemistry (serum)

Date	Latest Results				Reference	Units
	14-Mar-24	28-Jun-24	12-Aug-24	05-Sep-24		
Time F-Fast	1140 F	1228	1046 F	1112 F		
Lab Id.	684100903	526415618	531696655	527075599		
Sodium	137	140	140	136	(135-145)	mmol/L
Potassium	4.1	3.8	4.1	4.0	(3.5-5.5)	mmol/L
Chloride	109	110	111 H	109	(95-110)	mmol/L
Bicarbonate	24	23	24	24	(20-32)	mmol/L
Anion Gap	4	7	5	3	(<16)	mmol/L
Calcium (Corr.)	2.40	2.34	2.40	2.41	(2.10-2.60)	mmol/L
Phosphate	1.04	1.20	1.13	1.10	(0.80-1.50)	mmol/L
Urea	4.6	5.0	5.5	3.9	(2.5-7.0)	mmol/L
Urate	0.238	0.222	0.258	0.236	(0.150-0.400)	mmol/L
Creatinine	75	86 H	78	76	(45-85)	umol/L
eGFR	86	73	82	85	(>59)	
Fast. Glucose	5.1		5.4	5.2	(3.6-6.0)	mmol/L
Random Glucose		4.7			(3.6-7.7)	mmol/L
Total Protein	67	66	63 L	62 L	(64-81)	g/L
Albumin	39	39	37	37	(33-46)	g/L
Globulin	28	27	26	25	(23-43)	g/L
T Bilirubin	17 H	17 H	19 H	16 H	(<16)	umol/L
ALP	50	52	44	42	(20-105)	U/L
AST	22	18	25	23	(10-35)	U/L
ALT	26	22	30	31 H	(5-30)	U/L
GGT	15	12	17	15	(5-35)	U/L
LD	136	169	136	126	(<250)	U/L
Cholesterol	5.4	5.2	5.8 H	5.1	(<5.6)	mmol/L
Triglyceride	2.2 H			2.1 H	(<2.1)	mmol/L
Haemolysis Index	2	6	3	2	(<40)	mg/dL

RL

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

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, Lithium, E/LFT, FBE, ESR
 Tests Pending :
 Sample Pending :

watch ki
function

ideal <5

losing protein?
oxidative stress?
Inflammation?

Fatty liver?

Gilberts?