

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-C-C847
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: S- LIPID PROFILE
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
05:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Lipid Profile

Date	Latest Results				Reference	Units
	20-Jun-22	06-Mar-23	07-Nov-23	12-Nov-24		
Time F-Fast	1001	1013	1232	0800 F		
Lab Id.	667555319	672021612	687385980	519196311		
Cholesterol	5.5	4.8	6.4 H	5.1	(<5.6)	mmol/L
Triglyceride				2.4 H ✓	(<2.1)	mmol/L
HDL				1.18	(>1.09)	mmol/L
LDL				3.0	(<4.1)	mmol/L
Chol/HDL Ratio				4.3	(<4.6)	
Non HDLC				3.92 H	(<3.81)	mmol/L

Comments on Collection 12-Nov-24 0800 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: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D

Tests Pending : R-U-Alb/Creat, HbA1c, FBE

Sample Pending :

DALEY, BRIGITTE
 RN 20 OAK STREET, MILLAA MILLAA. 4886
 Phone: 0467882650
 Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
 Your Reference: 01FC7E7B38 Lab Reference: 519196311-C-H245
 Laboratory: SNP
 Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD
 Name of Test: .ANAEMIA
 Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
 05:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Haematinics

Date	18-May-22	20-Jun-22	07-Nov-23	Latest Results		
Time F-Fast	1237	1001	1232	12-Nov-24		
Lab Id.	667555112	667555319	687385980	0800 F		
				519196311	Reference	Units
Iron	15			15	(5-30)	umol/L
Transferrin	3.3 H			3.2 H	(1.9-3.1)	g/L
TIBC	83 H			80 H	(47-77)	umol/L
Trans Sat	18 L			19 L	(20-45)	%
Ferritin	225			195	(30-300)	ug/L
CRP		3.2	0.7		(<5)	mg/L
Vitamin B12				300	(>150)	pmol/L
Active B12				>128	(>35)	pmol/L

Comments on Collection 12-Nov-24 0800 F:

Iron Studies

Essentially normal iron status.

Low saturation can indicate an inflammatory process, which may affect iron studies. However a ferritin level greater than 140 ug/L makes iron deficiency unlikely.

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

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D

Tests Pending : R-U-Alb/Creat, HbA1c, FBE

Sample Pending :

Inflammation

Infection? - gut.

DALEY, BRIGITTE
 RN 20 OAK STREET, MILLAA MILLAA. 4886
 Phone: 0467882650
 Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
 Your Reference: 01FC7E7B38 Lab Reference: 519196311-C-C140
 Laboratory: SNP
 Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: S-ROUTINE CHEMISTRY
 Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
 05:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Chemistry (serum)

Date	Latest Results				Reference	Units
	20-Jun-22	06-Mar-23	07-Nov-23	12-Nov-24		
Time F-Fast	1001	1013	1232	0800 F		
Lab Id.	667555319	672021612	687385980	519196311		
Sodium	138	137	138	138	(135-145)	mmol/L
Potassium	4.2	3.6	4.2	4.1	(3.5-5.5)	mmol/L
Chloride	105	105	106	107	(95-110)	mmol/L
Bicarbonate	24	25	23	24	(20-32)	mmol/L
Anion Gap	9	7	9	7	(<16)	mmol/L
Calcium (Corr.)	2.35	2.44	2.38	2.46	(2.10-2.60)	mmol/L
Phosphate	1.11	1.16	1.18	1.18	(0.80-1.50)	mmol/L
Urea	5.1	4.4	3.2	5.8	(3.0-8.0)	mmol/L
Urate	0.334	0.316	0.345	0.318	(0.150-0.400)	mmol/L
Creatinine	51	55	58	53	(45-85)	umol/L
eGFR	>90	>90	>90	>90	(>59)	
Fast. Glucose				6.3 H	(3.6-6.0)	mmol/L
Random Glucose	6.2	6.0	5.2		(3.6-7.7)	mmol/L
Total Protein	77	74	75	71	(63-80)	g/L
Albumin	38	40	38	36	(32-44)	g/L
Globulin	39	34	37	35	(23-43)	g/L
T Bilirubin	24 H	20 H	19 H	15	(<16)	umol/L
ALP	43	56	53	65	(30-115)	U/L
AST	20	17	23	21	(10-35)	U/L
ALT	40 H	20	34 H	35 H	(5-30)	U/L
GGT	28	20	21	22	(5-35)	U/L
LD	190	211	212	177	(<250)	U/L
Cholesterol	5.5	4.8	6.4 H	5.1	(<5.6)	mmol/L
Triglyceride				2.4 H	(<2.1)	mmol/L
Haemolysis Index	6	9	6	1	(<40)	mg/dL

CA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D

Tests Pending : R-U-Alb/Creat, HbA1c, FBE

Sample Pending :

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-E-E030
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: S- THYROID FUNCTION
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
05:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Thyroid Function Tests

Date	06-Mar-23	10-Aug-23	07-Nov-23	12-Nov-24	Latest Results	
Time F-Fast	1013	1143	1232	0800 F		
Lab Id.	672021612	682082830	687385980	519196311	Reference	Units
Free T4	15.4	14.9	14.0	12.8	(9.0-19.0)	pmol/L
TSH	0.5	0.9	1.6	1.5	(0.3-4.0)	mIU/L

Comments on Collection 12-Nov-24 0800 F:

Euthyroid

Please note that the reference intervals for fT4 have recently changed for patients over 70 years of age and pregnant women.

Please contact the laboratory on 3377 8530 if you require further information.

EA

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

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D

Tests Pending : R-U-Alb/Creat, HbA1c, FBE

Sample Pending :

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-E-E405
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: S-VITAMIN D
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
05:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Date	Latest Results			Reference	Units
	13-Jan-15	10-Jun-19	12-Nov-24		
Time F-Fast	0900 F	0805 F	0800 F		
Lab Id.	598872823	648230292	519196311		
Hydroxycalciferol	55	40 L	62	(50-150)	nmol/L

Comments on Collection 12-Nov-24 0800 F:
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 D deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

EA

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

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TfTH, Vitamin B12, Active B12, Vitamin D
Tests Pending : R-U-Alb/Creat, HbA1c, FBE
Sample Pending :

DALEY, BRIGITTE
 RN 20 OAK STREET, MILLAA MILLAA. 4886
 Phone: 0467882650
 Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
 Your Reference: 01FC7E7B38 Lab Reference: 519196311-H-H900
 Laboratory: SNP
 Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD
 Name of Test: .BLOOD COUNT
 Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
 09:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Haematology

Date	11-May-22	06-Mar-23	07-Nov-23	Latest Results		
Time F-Fast	0757 F	1013	1232	12-Nov-24		
Lab Id.	665614215	672021612	687385980	0800 F		
				519196311	Reference	Units
Haemoglobin	144	140	147	143	(115-165)	g/L
Haematocrit	0.43	0.41	0.44	0.43	(0.35-0.47)	
RCC	4.2	4.2	4.5	4.3	(3.9-5.6)	10*12/L
MCV	102 H	98	98	101 H	(80-100)	fL
WCC	10.6	10.2 H	7.8	7.6	(3.5-10.0)	10*9/L
Neutrophils	6.79	6.40	4.26	4.13	(1.5-6.5)	10*9/L
Lymphocytes	2.57	2.91	2.47	2.30	(0.8-4.0)	10*9/L
Monocytes	1.01 H	0.68	0.71	0.78	(0-0.9)	10*9/L
Eosinophils	0.16	0.15	0.24	0.31	(0-0.6)	10*9/L
Basophils	0.10	0.09	0.08	0.08	(0-0.15)	10*9/L
Platelets	495 H	461 H	439 H	463 H	(150-400)	10*9/L

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D, FBE
 Tests Pending : R-U-Alb/Creat, HbA1c
 Sample Pending :

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-C-C485
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: MICROALBUMIN RANDOM
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
16:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Date	30-Nov-17	11-Sep-20	10-Aug-23	12-Nov-24	Latest Results	Units
Time F-Fast	0730 F	0719 F	1143	0800 F		
Lab Id.	640141977	655282233	682082830	519196311	Reference	
R-U-Creatinine	15.2	1.9	13.4	5.1		mmol/L
R-U-Albumin	12	<5	13	<5	(<21)	mg/L
Alb/Creat Ratio	0.8		1.0	<1.0	(0.0-3.6)	mg/mmol

Comments on Collection 12-Nov-24 0800 F:

R-U-Alb/Creat

The Australian Diabetes Society subcommittee on microalbuminuria recommends that albumin excretion rates should be performed annually on all diabetic patients. Abnormality is confirmed if two of three samples collected over a six week period are elevated. Specimens other than first morning collections may occasionally be positive in subjects with orthostatic or exercise induced proteinuria.

CA

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Tests Completed: HDL-Cholesterol, Iron Studies, R-U-Alb/Creat, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D, HbA1c, FBE

Tests Pending :

Sample Pending :

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-H-E416
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: HBA1C
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
16:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

HbA1c

Date	07-Dec-17	28-May-19	10-Aug-23	Latest Results 12-Nov-24	
Time F-Fast	0808 F	0729 F	1143	0800 F	
Lab Id.	640141764	647758612	682082830	519196311	Reference Units

HbA1c (NGSP)	5.5	5.1	5.5	5.6	(<6.5)	%
HbA1c (IFCC)	36	32	37	38	(<48)	

mmol/mol

Comments on Collection 12-Nov-24 0800 F:
Control zones for diabetes management

	NGSP (%)	IFCC (mmol/mol)
Very good control *	<6.1	<43
Good control	6.1 - 7.0	43 - 53
Suboptimal control	7.1 - 8.0	54 - 64
Poor control	8.1 - 9.0	65 - 75
Very poor control	>9.0	>75

In patients with a significant risk of adverse outcome from hypoglycaemia (children <16 and adults >70 years), higher target values may be appropriate.

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.

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

Tests Completed: HDL-Cholesterol, Iron Studies, R-U-Alb/Creat, E/LFT, TPTH, Vitamin B12, Active B12, Vitamin D, HbA1c, FBE

Tests Pending :

Sample Pending :

DALEY, BRIGITTE
RN 20 OAK STREET, MILLAA MILLAA. 4886
Phone: 0467882650
Birthdate: 14/12/1966 Sex: F Medicare Number: 4339542976
Your Reference: 01FC7E7B38 Lab Reference: 519196311-H-E416
Laboratory: SNP
Addressee: DR KATE M HEAZLEWOOD Referred by: DR KATE M HEAZLEWOOD

Name of Test: HBA1C
Requested: 05/11/2024 Collected: 12/11/2024 Reported: 13/11/2024
16:07

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

HbA1c

Date	07-Dec-17	28-May-19	10-Aug-23	Latest Results 12-Nov-24	
Time F-Fast	0808 F	0729 F	1143	0800 F	
Lab Id.	640141764	647758612	682082830	519196311	Reference Units

HbA1c (NGSP)	5.5	5.1	5.5	5.6	(<6.5)	%
HbA1c (IFCC)	36	32	37	38	(<48)	

mmol/mol

Comments on Collection 12-Nov-24 0800 F:
Control zones for diabetes management

	NGSP (%)	IFCC (mmol/mol)
Very good control *	<6.1	<43
Good control	6.1 - 7.0	43 - 53
Suboptimal control	7.1 - 8.0	54 - 64
Poor control	8.1 - 9.0	65 - 75
Very poor control	>9.0	>75

In patients with a significant risk of adverse outcome from hypoglycaemia (children <16 and adults >70 years), higher target values may be appropriate.

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.

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

Tests Completed: HDL-Cholesterol, Iron Studies, R-U-Alb/Creat, E/LFT, TFTH, Vitamin B12, Active B12, Vitamin D, HbA1c, FBE

Tests Pending :

Sample Pending :