

WINWOOD, PHILIPPA
 73/95 ROUSE ST, PORT MELBOURNE. 3207
 Phone: 0412004129
 Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
 Your Reference: 446BAA345A Lab Reference: 392137106-C-C010
 Laboratory: Melbourne Pathology
 Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE-IRON STUDIES
 Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
 06:49

Date	01/08/18	02/11/18	25/07/22	18/10/22		
Time F-Fast	0940	1150	1001 F	1233 F		
Lab Id.	349236856	349650617	386447856	392137106	Units	Reference
S IRON	23	23	26	17	umol/L	(5-30)
S TRF	2.1	2.3	2.2	2.4	g/L	(2.0-3.2)
S TRF SAT	44	40	47 H	28	%	(10-45)
S FERRITIN	112	73	111	96	ng/mL	(30-500)

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,UREA,GF,FOL,B12,LH,FBE
 Tests Pending : FSH,PROG,ODIOL, A1C,ESR
 Sample Pending :

WINWOOD, PHILIPPA
73/95 ROUSE ST, PORT MELBOURNE. 3207
Phone: 0412004129
Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
Your Reference: 446BAA345A Lab Reference: 392137106-C-C012
Laboratory: Melbourne Pathology
Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE-LIPID - HDL/LDL
Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
06:49

Date	25/07/22	18/10/22		
Time F-Fast	1001 F	1233 F	Units	Reference
Lab Id.	386447856	392137106		
S CHOL	6.6 H	6.2 H	mmol/L	(3.5-5.5)
S TRIG	1.0	0.8	mmol/L	(<1.5)
S HDL-CHOL	2.79	2.76	mmol/L	(>1.20)
S LDL-CHOL	3.4	3.1	mmol/L	(<3.5)
S CHOL/HDL	2.4	2.2		(<4.5)
S Non HDL	3.8	3.4	mmol/L	(<3.9)

Comments on Collection 18/10/22 1233 F:

FLS

TARGET LEVELS:

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
LDL-Cholesterol	<2.0 mmol/L
Non-HDL Cholesterol	<2.5 mmol/L

Increased non-HDL Cholesterol is a significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, LH, FBE
Tests Pending : FSH, PROG, ODIOL, A1C, ESR
Sample Pending :

WINWOOD, PHILIPPA
73/95 ROUSE ST, PORT MELBOURNE. 3207
Phone: 0412004129
Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
Your Reference: 446BAA345A Lab Reference: 392137106-C-C187
Laboratory: Melbourne Pathology
Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE-THYROID VIRTUAL
Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
06:49

THYROID FUNCTION TESTS - Serum

Date	14/09/21	25/07/22	18/10/22		
Time F-Fast	1016 F	1001 F	1233 F		
Lab Id.	367742444	386447856	392137106	Units	Reference
S TSH(Roche)	3.36	2.95	2.76	mU/L	(0.5-5.5)

Comments on Collection 18/10/22 1233 F:
TSH

A normal TSH is consistent with a euthyroid state.

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, LH, FBE

Tests Pending : FSH, PROG, ODIOL, A1C, ESR

Sample Pending :

WINWOOD, PHILIPPA
 73/95 ROUSE ST, PORT MELBOURNE. 3207
 Phone: 0412004129
 Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
 Your Reference: 446BAA345A Lab Reference: 392137106-C-C950
 Laboratory: Melbourne Pathology
 Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE- CHEMISTRY
 Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
 06:49

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	14/09/21	25/07/22	18/10/22		
Time F-Fast	1016 F	1001 F	1233 F		
Lab Id.	367742444	386447856	392137106	Units	Reference
S SODIUM	138	142	139	mmol/L	(135-145)
S POTASSIUM	4.1	4.3	4.1	mmol/L	(3.5-5.5)
S CHLORIDE	98	102	101	mmol/L	(95-110)
S BICARB	29	31	27	mmol/L	(20-32)
S UREA	5.2	5.2	3.8	mmol/L	(3.0-8.0)
S CREAT	63	64	64	umol/L	(45-85)
eGFR	>90	>90	>90		(>59)
S T-BIL	7	7	7	umol/L	(3-15)
S ALP	86	89	83	U/L	(30-115)
S GGT	20	18	16	U/L	(5-35)
S ALT	19	25	22	U/L	(5-30)
S AST	25	22	25	U/L	(10-35)
S T-PROTEIN	67	66	65	g/L	(63-80)
S ALBUMIN	43	40	40	g/L	(33-44)
S GLOBULIN	24	26	25	g/L	(23-41)
S GLU (Fast)	5.5		5.0	mmol/L	(3.6-6.0)

Comments on Collection 18/10/22 1233 F:

EUC

eGFR is greater than 90 mL/min/1.73m². No evidence of kidney disease.

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, LH, FBE

Tests Pending : FSH, PROG, ODIOL, A1C, ESR

Sample Pending :

WINWOOD, PHILIPPA
73/95 ROUSE ST, PORT MELBOURNE. 3207
Phone: 0412004129
Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
Your Reference: 446BAA345A Lab Reference: 392137106-C-C329
Laboratory: Melbourne Pathology
Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE-B12/FOLATE VIRT
Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
06:49

B12/FOLATE - Serum

Date	01/08/18	28/07/22	18/10/22		
Time F-Fast	0940	1505	1233 F	Units	Reference
Lab Id.	349236856	393391516	392137106		
S FOLATE	>45.0	33.0	24.0	nmol/L	(>6.0)
S TOTAL B12	800 H	474	402	pmol/L	(200-700)

Comments on Collection 18/10/22 1233 F:
B12

High dose biotin (>5 mg/day) may artefactually increase total Vitamin B12 and Folate results obtained by this method. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).
For clinical enquiries please contact Chemical Pathologist Dr Ken Sikaris on 9287 7720.

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, LH, FBE
Tests Pending : FSH, PROG, ODIOL, A1C, ESR
Sample Pending :

WINWOOD, PHILIPPA
 73/95 ROUSE ST, PORT MELBOURNE. 3207
 Phone: 0412004129
 Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
 Your Reference: 446BAA345A Lab Reference: 392137106-H-H900
 Laboratory: Melbourne Pathology
 Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: ED-HAEMATOLOGY
 Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
 09:49

HAEMATOLOGY - Blood/EDTA

Date	14/09/21	25/07/22	28/07/22	18/10/22		
Time F-Fast	1016 F	1001 F	1505	1233 F		
Lab Id.	367742444	386447856	393391516	392137106	Units	Reference
HAEMOGLOBIN	139	140	127	132	g/L	(115-160)
Hct	0.44	0.42	0.40	0.41		(0.35-0.47)
RBC	4.5	4.6	4.2	4.4	x10 ¹² /L	(3.7-5.2)
MCV	98	91	94	93	fL	(80-100)
MCH	31	30	30	30	pg	(27-34)
MCHC	317	335	322	325	g/L	(310-360)
RDW	12.1	12.0	12.3	11.7		(11-17)
PLATELETS	358	361	342	343	x 10 ⁹ /L	(150-450)
WHITE CELLS	5.2	3.8 L	4.4	4.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.4	1.9 L	2.3	3.0	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.0	1.3	1.6	1.3	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.6	0.3	0.4	0.5	x10 ⁹ /L	(0-1.0)
Eosinophils	0.2	0.2	0.1	0.1	x10 ⁹ /L	(0-0.5)
Basophils	0.1	0.0	0.0	0.0	x10 ⁹ /L	(0-0.3)
ESR	3 L		5	5	mm/hr	(5-20)

Dept Supervising Pathologist: Dr Ellen Maxwell

Report 392137106 updated on 19/10/2022 at 09:36: Additional Test(s) Reported:
 ERYTHROCYTE SED RATE

**** UPDATED REPORT ****

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, LH, FBE, ESR
 Tests Pending : FSH, PROG, ODIOL, A1C
 Sample Pending :

WINWOOD, PHILIPPA
 73/95 ROUSE ST, PORT MELBOURNE. 3207
 Phone: 0412004129
 Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
 Your Reference: 446BAA345A Lab Reference: 392137106-C-C955
 Laboratory: Melbourne Pathology
 Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: SE-HORMONE
 Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
 13:49

HORMONES

Date	14/09/21	28/07/22	18/10/22		
Time F-Fast	1016 F	1505	1233 F		
Lab Id.	367742444	393391516	392137106	Units	Reference
S FSH	118	102	112	IU/L	
S LH	65	53	53	IU/L	
S OESTRADIOL	<20		<20	pmol/L	
S PROG	0.7		<0.2	nmol/L	

Comments on Collection 18/10/22 1233 F:

Reference Intervals	FSH (IU/L)	LH (IU/L)	Oestradiol (pmol/L)	Progesterone (nmol/L)
Female:				
Follicular phase	2.8 - 9.3	2.8 - 7.6	46 - 607	0.6 - 4.7
Mid cycle	3.0 - 19.2	10.5 - 85	315 - 1828	2.4 - 9.4
Luteal phase (D21)	1.7 - 7.7	1.0 - 11.4	161 - 774	5.3 - 86
Postmenopausal	31 - 153	12.0 - 75	<200	0.3 - 2.5

PLEASE NOTE: High dose biotin (>5 mg/day) may artefactually affect the hormone results. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).

For clinical enquiries, please contact Chemical Pathologist
 Dr Ken Sikaris on 9287 7720.

Department Supervising Pathologist: Dr Ken Sikaris

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, FSH, LH, PROG, ODIOL, FBE, ESR

Tests Pending : A1C

Sample Pending :

WINWOOD, PHILIPPA
73/95 ROUSE ST, PORT MELBOURNE. 3207
Phone: 0412004129
Birthdate: 29/10/1964 Sex: F Medicare Number: 3529232992
Your Reference: 446BAA345A Lab Reference: 392137106-H-E301
Laboratory: Melbourne Pathology
Addressee: DR JOHN CLIFFORTH Referred by: DR JOHN CLIFFORTH

Name of Test: ED- DIABETES DIAGNOSIS
Requested: 18/10/2022 Collected: 18/10/2022 Reported: 19/10/2022
14:19

DIABETES DIAGNOSIS & MONITORING

Date	18/10/22		
Time F-Fast	1233 F		
Lab Id.	392137106	Units	Reference
HbA1c	5.4	%	(4.4-5.6)
HbA1c (IFCC)	35	mmol/mol	(25-38)
eAG	6.0	mmol/L	

Comments on Collection 18/10/22 1233 F:
HbA1c is Medicare rebateable, once per year, for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq 6.5\%$ (48 mmol/mol) in patients with normal red cell turnover.
For clinical enquiries, please contact Chemical Pathologists
Dr Ken Sikaris / Dr Andrew Carter on 9287 7720.

From 19/01/2021 Melbourne Pathology will be using capillary electrophoresis to measure HbA1c. The results are directly comparable to our previous results measured by HPLC but are more precise, and more accurate, in the presence of many haemoglobin variants.

Dept Supervising Pathologist: Dr Ellen Maxwell

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, TSH, EUC, LFT, UREA, GF, FOL, B12, FSH, LH, PROG, ODIOL, A1C, FBE, ESR

Tests Pending :

Sample Pending :