

BROWN, AMANDA
45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787H606
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: Haemochromatosis Gene Analysis
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 09/01/2024
11:39

Haemochromatosis Gene Analysis

p.Cys282Tyr	No mutation detected
p.His63Asp	Heterozygous mutation detected
Ser65Cys	Not tested

The individual is a carrier of the p.His63Asp variant in the HFE gene.
Diagnosis of the most common form of HFE-related hereditary haemochromatosis is excluded.

If iron overload is present, other causes of iron overload should be considered. In patients with a severe iron overload phenotype, other rare forms of hereditary haemochromatosis cannot be excluded.

Referral Lab:

Test(s) performed at Royal Prince Alfred Hospital, Camperdown.
Note as of the 09/07/2018, we will no longer test for p.SER65Cys (S65D).
However if clinically indicated, this test can be provided by special request. Contact laboratory on 02-8382 9231 or 8382 9269.

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787Z020
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: Haematology
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 22/12/2023
 09:42

	Current Result 22/12/23	Previous results for comparison only				
Date:		15/06/23	23/06/22	28/04/21		
Reference						
Time:	09:10	09:10	10:05	08:26		(for
this						
Request No.: collection)	6369787	6357961	6326481	6192024	Units	
Full Blood Count						
White Cell Count	6.2	6.0	6.3	5.7	10 ⁹ /L	
4.0-11.0						
Red Cell Count	4.8	4.6	4.7	4.6	10 ¹² /L	3.8-5.8
Haemoglobin	144	142	143	139	g/L	115-165
Haematocrit	0.43	0.42	0.42	0.42		
0.37-0.47						
MCV	90	91	90	91	fL	76-96
MCH	30.3	30.9	30.6	30.2	pg	
27.0-32.0						
MCHC	339	338	340	331	g/L	320-360
RDW	12.7	12.5	13.3	13.6	%	
11.5-14.5						
Platelet Count	270	290	273	288	10 ⁹ /L	150-400
.	.	.	.	.		
Neutrophils	3.5	3.0	3.2	3.0	10 ⁹ /L	2.0-7.5
Lymphocytes	1.9	2.3	2.4	2.0	10 ⁹ /L	1.5-4.0
Monocytes	0.5	0.5	0.5	0.5	10 ⁹ /L	0.2-1.0
Eosinophils	0.2	0.2	0.2	0.2	10 ⁹ /L	0.0-0.4
Basophils	0.0	0.0	0.0	0.0	10 ⁹ /L	0.0-0.1

Tests Pending: Glucose Fasting, HbA1c, HDL, UEC, LFT, Iron
 Studies, Ferritin, Haemochromatosis Gene Analysis, CRP

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
 Birthdate: 08/11/1966 Sex: F Medicare Number: 2291518223
 Your Reference: 6369787 Lab Reference: 6369787Z045
 Laboratory: SYDPATH
 Addressee: Dr DILINI PATHIRATNE Referred by: Dr DILINI PATHIRATNE

Name of Test: Lipid Studies
 Requested: 21/12/2023 Collected: 22/12/2023 Reported: 22/12/2023
 09:58

	Current Result	Previous results for comparison only			
Date:	22/12/23	15/06/23	23/06/22	28/04/21	
Reference Time:	09:10	09:10	10:05	08:26	(for this
Request No.: collection)	6369787	6357961	6326481	6192024	Units

Lipid Studies

	Fasting	Fasting	Fasting	Fasting		
Fasting status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	6.0	6.1 H	6.5 H	5.9	mmol/L	0.0-6.0
Triglyceride	0.7	0.7	1.2	0.9	mmol/L	0.0-2.0
HDL Cholesterol	2.1	2.1	1.9	1.9	mmol/L	>1.0
LDL Cholesterol	3.6	3.7	4.1 H	3.6	mmol/L	0.0-4.0
Non-HDL Chol.	3.9	4.0	4.6 H	4.0	mmol/L	0.0-4.0
Chol:HDL ratio	2.9	2.9	3.4	3.1		
Lipids comment	liprng	liprng	liprng	liprng		

Comments: (22/12/2023 09:10 Episode No. 6369787)

liprng: Lipid targets for patients at high risk of cardiovascular disease:
 Total Cholesterol <4.0 mmol/L HDL Cholesterol >1.0 mmol/L
 Non-HDL Cholesterol <2.5 mmol/L Triglycerides <2.0 mmol/L
 LDL Cholesterol <2.0 mmol/L, <1.8 mmol/L for secondary prevention.
 (Lipid target ranges from Australian Heart Foundation)

For cardiovascular risk prediction including lipid see www.cvdcheck.org.au.
 Reference limits for lipids are provided for general advice only and identify approximately 15% of the adult population.

Tests Pending: HbA1c, Iron Studies, Ferritin, Haemochromatosis Gene Analysis

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787Z001
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: Routine Chemistry
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 22/12/2023
 09:58

	Current Result 22/12/23	Previous results for comparison only				
Date:	22/12/23	15/06/23	23/06/22	28/04/21		
Reference						
Time:	09:10	09:10	10:05	08:26		(for
this						
Request No.:	6369787	6357961	6326481	6192024	Units	
collection)						
Electrolytes (serum/plasma)						
Sodium	140	142	142	140	mmol/L	135-145
Potassium	4.6	4.5	4.7	4.6	mmol/L	3.5-5.2
Chloride	102	105	107	104	mmol/L	95-110
Bicarbonate	28	29	27	28	mmol/L	22-32
Urea	7.7	6.5	5.1	8.6 H	mmol/L	3.5-8.0
Creatinine	66	67	66	62	umol/L	45-90
eGFR	89	88	>90	>90	mL/mn/1.73m2	>60
eGFR comment	gfr mild	gfr mild				

Comments: (22/12/2023 09:10 Episode No. 6369787)

gfr mild: eGFR 60 - 90 mL/min/1.73m2 is likely to be normal for elderly patients.
 Note
 change to CKD-EPI equation. See www.syddpath.stvincents.com.au/eGFR.htm

Liver Function Tests (serum/plasma)						
Total protein	76	72	74	71	g/L	60-80
Albumin	42	44	43	41	g/L	33-48
Bilirubin total	9	10	9	10	umol/L	0-20
Alkaline phosphat	75	74	57	72	U/L	30-110
ALT	28	23	15	24	U/L	0-35
AST	31 H	27	26	27	U/L	0-30
GGT	29	19	13	34	U/L	0-35
LDH	180	169	171	167	U/L	0-430

Glucose Testing						
Glucose (fasting)	5.4		5.4	5.0	mmol/L	3.0-5.5

Tests Pending: HbA1c, Iron Studies, Ferritin, Haemochromatosis Gene Analysis

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787I102
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: C-reactive protein measurement
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 22/12/2023
 09:58

	Current Result	Previous results for comparison only			
Date:	22/12/23	23/06/22	21/06/18	13/06/17	
Reference					
Time:	09:10	10:05	08:35	09:00	(for
this					
Request No.: collection)	6369787	6326481	6137027	6122096	Units

Acute Phase Reactants (serum/plasma)

C-Reactive protei	3.3				mg/L	<5.0
CRP		<5.0	<5.0	<5.0	mg/L	
CRP Comment		CRPBCOM	CRPBCOM	CRPBCOM		
CRP Comment				CRPCOM		

Tests Pending: HbA1c, Iron Studies, Ferritin, Haemochromatosis Gene Analysis

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787Z047
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: Iron Studies
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 22/12/2023
 21:37

	Current	Previous results for comparison only			
Date:	Result	15/06/23	23/06/22	28/04/21	
Reference	22/12/23				
Time:	09:10	09:10	10:05	08:26	(for
this					
Request No.: collection)	6369787	6357961	6326481	6192024	Units

Iron Studies

Ferritin serum	210	243	213	222	ug/L	30-300
Iron serum	19	17	25	22	umol/L	10-30
Transferrin	2.2	2.2	2.1	2.0	g/L	2.0-3.5
Transferrin satn	34	31	47	44	%	15-50

Tests Pending: HbA1c, Haemochromatosis Gene Analysis

BROWN, AMANDA
 45 STAFFORD DRIVE, NARRABRI. 2390
Birthdate: 08/11/1966 **Sex:** F **Medicare Number:** 2291518223
Your Reference: 6369787 **Lab Reference:** 6369787Z007
Laboratory: SYDPATH
Addressee: Dr DILINI PATHIRATNE **Referred by:** Dr DILINI PATHIRATNE

Name of Test: HbA1c
Requested: 21/12/2023 **Collected:** 22/12/2023 **Reported:** 23/12/2023
 12:52

	Current Result	Previous results for comparison only			
Date:	22/12/23	15/06/23	23/06/22	28/04/21	
Reference					
Time:	09:10	09:10	10:05	08:26	(for
this					
Request No.: collection)	6369787	6357961	6326481	6192024	Units

HbA1c						
HbA1c	5.0	5.1	5.2	5.2	%	0.0-5.9
HbA1c (mmol/mol)	32	33	34	33	mmol/mol	0-41
HbA1c comment	hbacom	hbacom	hbacom	hbacom		

Comments: (22/12/2023 09:10 Episode No. 6369787)

hbacom: HbA1c (IFCC): In keeping with Australian guidelines SydPath is now reporting
 HbA1c in conventional units (%) and restandardised units (mmol/mol). (MJA 2011; 195: 45-46)

Tests Pending: Haemochromatosis Gene Analysis

