

Patient Name: STEVENSON, RAEHELLE
Patient Address: 6 JOANNA COURT, MITCHELL PARK 5043
D.O.B: 27/04/1969 **Sex:** F
Medicare No.: 50804887871 **IHI No.:**
Lab. Reference: 20-52501872-HEP-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR CHRISTINA CHEUNG **Referred by:** DR. CHRISTINA CHEUNG
Date Requested: 24/01/2020 **Date Performed:** 24/01/2020
Date Collected: 24/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): HEPATITIS SEROLOGY

Clinical Notes : elevated globulins protein si elevation liver s

HEPATITIS SEROLOGY (SERUM)

Hep B surface antigen (by Centaur) : Negative
Hep B core total antibodies (by Centaur) : Negative
Hep B surface antibodies (by Centaur) : <3 mIU/mL (cutoff=10)
Hep C antibodies (by Centaur) : Negative

Comment:

Interpretation of Hepatitis B surface antibody levels:

< 10 mIU/mL - No serological evidence of immunity to HBV**

> or = 10 mIU/mL -Serological evidence of immunity to HBV

**NOTE: For fully vaccinated individuals, please refer to the Australian Immunisation Handbook (www.immunise.health.gov.au) for further information.

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No evidence of acute or chronic infection with Hepatitis B.

No evidence of previous infection with Hepatitis B.

No evidence of Hepatitis C infection.

In the presence of recent risk factors, repeat Hepatitis C serology and LFT's may be indicated, as it may take up to 3 months for seroconversion to occur.

Requested Tests : EPG*, HEP

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Lab. Reference: 20-52501872-EPG-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR CHRISTINA CHEUNG **Referred by:** DR. CHRISTINA CHEUNG
Date Requested: 24/01/2020 **Date Performed:** 24/01/2020
Date Collected: 24/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): PROTEIN ELECTROPH.(SERUM)

Clinical Notes : elevated globulins protein si elevation liver s

SERUM PROTEIN INVESTIGATION (ELECTROPHORESIS)

Coll.Date: 24/01/20
Coll.Time: 11:00
Lab.No: 52501872

		Units	Ref.Range
Total Protein:	76	g/L	(60-80)
Albumin:	42	g/L	(36-49)
Alpha-1-Globulins:	3.2	g/L	(2.1-3.5)
Alpha-2-Globulins:	8.0	g/L	(5.1-8.5)
Beta-1-Globulins:	5.9	g/L	(3.4-5.2)
Beta-2-Globulins:	3.1	g/L	(2.3-4.7)
IgG:	14.1	g/L	(5.2-16.0)
IgA:	3.07	g/L	(0.85-3.50)
IgM:	1.97	g/L	(0.32-3.00)

Monoclonal Banding: ND (see Note)

Comment:

24/01/20 52501872 : No monoclonal bands were detected by immunofixation.

Note: D = Detected, ND = Not detected

Requested Tests : EPG, HEP

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Medicare No.: 50804887871 **IHI No.:**
Lab. Reference: 20-52501529-FER-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): FERRITIN (SERUM)

Clinical Notes : perimenopausal.

SERUM FERRITIN

Ferritin:	62 ug/L	Ref. Range (30-300)
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Please note: The Ferritin reference intervals have changed from 20/08/2019

Requested Tests : FER, FBE*, VID*, MBI*, LIP, FHP*, BFO*

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Medicare No.: 50804887871 **IHI No.:**
Lab. Reference: 20-52501529-LIP-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): LIPID STUDIES

Clinical Notes : perimenopausal.

SERUM/PLASMA LIPID STUDIES - Random

Total Chol: 7.6 mmol/L
 Triglyceride: 5.1 mmol/L
 HDL - C: 1.3 mmol/L
 NON HDL - C: 6.3 mmol/L
 Chol/HDL Ratio: 5.8

Therapeutic targets vary depending on the patient's cardiovascular risk profile.

Please note: The reference ranges have been updated as of 12/12/2017
 Please note: This has been run using a Beckman method

	T.Chol	Trig	HDL-C	LDL-C	Non HDL-C
Primary Prevention:	<4.0	<2.0	>=1.0	<2.0	<2.5
Secondary Prevention:		<2.0	>=1.0	<1.8	<2.5

National Vascular Disease Prevention Alliance Guidelines 2012.
<http://strokefoundation.com.au>

National Heart Foundation Guidelines 2012.
<http://www.heartfoundation.org.au>

Note: Cholesterol levels greater than 7.5 mmol/L indicate a significant increased risk of CHD. This is further influenced by other risk factors (family history, smoking etc.).

LDL cholesterol cannot be accurately calculated in people with triglyceride concentrations greater than 4.5 mmol/L

Target LDL is less than 2.0 mmol/L in people with

- A personal or strong family history of vascular disease
- Diabetes
- Aboriginal or Torres Strait Islander ancestry

Requested Tests : FER, FBE*, VID*, MBI*, LIP, FHP*, BFO*

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Medicare No.: 50804887871 **IHI No.:**
Lab. Reference: 20-52501529-MBI-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI

Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): GENERAL BIOCHEMISTRY

Clinical Notes : perimenopausal.

GENERAL BIOCHEMISTRY (SERUM)

Sodium	138	mmol/L(135-145)	Phosphate	1.10	mmol/L(0.75-1.50)
Potassium	4.0	mmol/L(3.5-5.2)	Tot.Bili.	10	umol/L(0-20)
Chloride	101	mmol/L(95-110)	Tot.Protein	83*	g/L(60-80)
Bicarb.	26	mmol/L(22-32)	Albumin	39	g/L(36-49)
Glucose(N)	5.8	mmol/L(4.0-7.8)	Globulin	44*	g/L(22-40)
Urea	4.9	mmol/L(3.0-8.4)	AST	31	U/L(0-35)
Creatinine	59	umol/L(40-90)	ALT	36*	U/L(0-35)
eGFR(mL/min)	>90	mL/min/1.73m2(>60)	Alk.Phos	87	U/L(30-110)
Uric Acid	0.28	mmol/L(0.11-0.42)	GGT	44*	U/L(0-35)
Tot.Calcium	2.43	mmol/L(2.15-2.65)	Anion Gap	15	(9-21)
Cor.Calcium	2.44	mmol/L(2.15-2.65)			
Ca++(Calc)	1.19	mmol/L(1.09-1.39)			

NOTE: Ionised calcium is calculated from electrolytes, proteins, and total calcium.

Please note: This has been run using a Beckman method
 Please Note: From 1/3/2019 specific test ordering is required for
 analytes which are not part of the E/LFT panel.

GENERAL BIOCHEMISTRY

Date:	20/01/20	16/09/19	23/08/18
Time:	10:50	09:10	09:50
Lab No:	52501529	52290886	51971293

Sodium	138	138	139
Potassium	4.0	4.2	4.1
Chloride	101	102	102
Bicarb.	26	27	27
Glucose (N)	5.8	6.0	5.6
Urea	4.9	4.8	4.5
Creatinine	59	58	55
eGFR(mL/min)	> 90	> 90	> 90
Urate	0.28	0.28	0.26
Tot.Calcium	2.43	2.40	2.48
Cor.Calcium	2.44	2.42	2.45
Ca++(Calc)	1.19	1.22	1.23
Phosphate	1.10	1.00	0.98

Tot.Bili.	10		10		12
Tot.Protein	83	*	77		78
Albumin	39		39		41
Globulin	44	*	38		37
AST	31		22		22
ALT	36	*	29		23
Alk Phos	87		77		70
GGT	44	*	47	*	30
LD					224
Cholesterol					5.3 *
Anion gap	15		13		14

Requested Tests : FER, FBE*, VID*, MBI, LIP, FHP*, BFO*

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Lab. Reference: 20-52501529-FBE-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): FULL BLOOD EXAMINATION

Clinical Notes : perimenopausal.

20 Jan 20
 10:50
 Lab ID 52501529

HB	147	(115-165)	g/L
PCV	0.45	(0.37-0.47)	L/L
MCV	87	(80-96)	fL
MCH	28	(27-32)	pg
MCHC	328	(320-360)	g/L
RCC	5.15	(3.80-5.80)	$\times 10^{12}$ /L
RDW	14.7	(11.0-16.0)	%
WCC	7.3	(4.0-11.0)	$\times 10^9$ /L
Neuts	3.9	(2.0-8.0)	$\times 10^9$ /L
Lymphs	2.6	(1.0-4.0)	$\times 10^9$ /L
Monos	0.5	(0.0-1.0)	$\times 10^9$ /L
Eosins	0.1	(0.0-0.5)	$\times 10^9$ /L
Basos	0.1	(0.0-0.2)	$\times 10^9$ /L
PLTS	296	(150-450)	$\times 10^9$ /L

20 Jan 20 - 52501529

COMMENT: Red cells, white cells and platelets are within normal limits.

Please note: The reference ranges have been updated as of 21/08/2017

Requested Tests : FER, FBE, VID*, MBI, LIP, FHP*, BFO*

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Medicare No.: 50804887871 **IHI No.:**
Lab. Reference: 20-52501529-FHP-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): HORMONE STUDIES

Clinical Notes : perimenopausal.

SERUM HORMONES

	FSH IU/L	LH IU/L	E2 pmol/L	PROG nmol/L
Lab.No Date				
52501529 20/01/20	27	8		

REFERENCE INTERVALS

Follicular	1-6	1-10	82-422	1.0-7.0
Mid cycle	5-20	15-100	118-1898	1.0-7.0
Luteal	1-12	1-20	134-903	5.0-95
Pregnant (1st Trim.)	1-6	1-10	-	20-130
Post menopausal	>20	>20	<92	<1.5

Please note change in E2 to the Beckman Access Sensitive Oestradiol method from 12/12/2019. This reads approximately 20% lower than the previous Beckman assay.

Requested Tests : FER, FBE, VID*, MBI, LIP, FHP, BFO*

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Lab. Reference: 20-52501529-VID-0 **Provider:** ABBOTT PATHOLOGY
Addressee: DR ALFRED SWITAJEWSKI **Referred by:** DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020 **Date Performed:** 20/01/2020
Date Collected: 20/01/2020 **Complete:** Final
Specimen:
Subject(Test Name): 25 HYDROXY VITAMIN D

Clinical Notes : perimenopausal.

SERUM 25 - HYDROXY VITAMIN D

Date	Lab. No.	25 - Hydroxy Vitamin D (nmol/L)	Ref.Range (> 50)
20/01/20	52501529	42	*

Mild vitamin D deficiency. Optimal vitamin D concentrations are greater than 50 nmol/L at the end of winter and greater than 60-70 nmol/L at the end of summer.

Method: DiaSorin Liaison XL immunoassay. Note that this test cannot be used to monitor patients taking exclusively 1,25 dihydroxy Vitamin D (Calcitriol).

Requested Tests : FER, FBE, VID, MBI, LIP, FHP, BFO*

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Medicare No.: 50804887871
Lab. Reference: 20-52501529-BFO-0
Addressee: DR ALFRED SWITAJEWSKI
Sex: F
IHI No.:
Provider: ABBOTT PATHOLOGY
Referred by: DR. ALFRED SWITAJEWSKI
Date Requested: 20/01/2020
Date Collected: 20/01/2020
Specimen:
Subject(Test Name): B12,FOLATE,R.C.FOLATE
Date Performed: 20/01/2020
Complete: Final

Clinical Notes : perimenopausal.

VITAMIN B12 AND FOLATE

Date: 20/01/20
Time: 10:50
Lab.No: 52501529

		Ref.
		Units Range
Vitamin B12	: 300	pmol/L (150-700)
Holotranscobalamin	: > 128	pmol/L (> 37)
Serum Folate	: 36.6	nmol/L (> 9.0)

Vitamin B12 stores appear adequate.

Requested Tests : FER, FBE, VID, MBI, LIP, FHP, BFO