

Patient Name:	MEHRTENS, JODIE ANN		
Patient Address:	90 HILLCREST AVENUE, TWEED HEADS SOUTH 2486		
D.O.B:	5/05/1974	Gender:	F
Medicare No.:	50962071292	IHI No.:	
Lab. Reference:	23-11588018-MAL-0	Provider:	4Cytc Pathology
Addressee:	DR RAY WARNER	Referred by:	Dr RAY WARNER
Date Requested:	16/10/2023	Date Performed:	17/10/2023
Date Collected:	17/10/2023	Complete:	No
Specimen:			
Subject/Test Name:	MICROALBUMIN		
Clinical Information:			

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
 Pathologist: A/Prof P. Stewart

Microalbumin (Urine)

Coll Date:	17/10/23		
Coll Time:	08:03		
Lab Number:	11588018		
Albumin	< 3.0		mg/L
Creatinine	4.0		mmol/L
Albumin/Creat	< 0.8	(< 3.5)	mg/mmol

Normal Alb/Creat result. As patient's most recent eGFR >60, Kidney Health Australia guidelines recommend repeat microalbumin and EUC/biochemical profile in 12-24 months (annually if hypertension present) for at risk patients.

Tests to follow: All Tests now completed

Patient Name: MEHRTENS, JODIE ANN
Patient Address: 90 HILLCREST AVENUE, TWEED HEADS SOUTH 2486
D.O.B: 5/03/1974 **Gender:** F
Medicare No.: 50962071292 **IHI No.:**
Lab. Reference: 23-11588018-FEM-0 **Provider:** 4Cytc Pathology
Addressee: DR RAY WARNER **Referred by:** Dr RAY WARNER

Date Requested: 16/10/2023 **Date Performed:** 17/10/2023
Date Collected: 17/10/2023 **Complete:** No
Specimen:
Subject(Test Name): IRON STUDIES
Clinical Information:

Clinical Notes: tinnitus, 7perimenopausal, takes no hormones
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

Ferritin	63	(30-200)	ug/L
Iron	13	(9-30)	umol/L
Transferrin	2.2	(2.0-3.6)	g/L
Transferrin Sat.	24	(15-50)	%

Tests to follow: MALE

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D.O.B: 5/05/1974 **Gender:** F
Medicare No.: 50962071292 **IHI No.:**
Lab. Reference: 23-11588018-HOR-0 **Provider:** 4Cytic Pathology
Addressee: DR RAY WARNER **Referred by:** Dr RAY WARNER

Date Requested: 16/10/2023 **Date Performed:** 17/10/2023
Date Collected: 17/10/2023 **Complete:** No
Specimen:
Subject(Test Name): HORMONES
Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Reproductive Hormones (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

LH: 18.5 U/L
FSH: 26.2 IU/L
LH/FSH Ratio: 0.7 (< 2.0)
Oestradiol: 165 pmol/L
Progesterone: 1.2 nmol/L

	Luteal	Mid cycle	Follic.	Pregnant	Menopause
LH	0.5-17.0	9.0-76.0	2.0-12.0	<0.1-1.5	16.0-54.0
FSH	1.5-9.0	3.0-33.0	2.5-10.0	<0.3	23.0-116.0
E2	285-786	235-1309	72-529		<118
PRG	10.0-80.0	14.1-89.1	<4.5		<2.3

Tests to follow: FE, MALB

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D.O.B: 5/05/1974 **Gender:** F
Medicare No.: 50962071292 **IHI No.:**
Lab. Reference: 23-11588018-RCM-0 **Provider:** 4Cyst Pathology
Addressee: DR RAY WARNER **Referred by:** Dr RAY WARNER

Date Requested: 16/10/2023 **Date Performed:** 17/10/2023
Date Collected: 17/10/2023 **Complete:** No
Specimen:
Subject(Test Name): BIOCHEMISTRY, SERUM
Clinical Information:

Clinical Notes: tinnitus, 7perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

Sodium	137	(135-145)	mmol/L
Potassium	4.1	(3.5-5.3)	mmol/L
Chloride	105	(95-110)	mmol/L
Bicarbonate	26	(22-32)	mmol/L
Anion Gap	10	(8-19)	mmol/L
Urea	5.1	(3.2-8.2)	mmol/L
Creatinine	76	(45-90)	umol/L
eGFR	80	(> 59)	
Total Protein	68	(60-80)	g/L
Globulin	30	(23-39)	g/L
Albumin	38	(34-50)	g/L
Bilirubin	10	(< 31)	umol/L
Alk. Phosphatase	50	(30-110)	U/L
Gamma GT	11	(< 36)	U/L
ALT	25	(< 35)	U/L
AST	29	(< 30)	U/L

Tests to follow: FE,MALB

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D.O.B: 5/05/1974 Gender: F
Medicare No.: 50962071292 IHI No.:
Lab. Reference: 23-11588018-GLM-0 Provider: 4Cyt Pathology
Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
Date Requested: 16/10/2023 Date Performed: 17/10/2023
Date Collected: 17/10/2023 Complete: No
Specimen:
Subject(Test Name): GLUCOSE
Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Glucose (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

Glucose Fasting 4.8 (3.0-5.4) mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: FE,MALB

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Medicare No.: 50962071292 IHI No.:
Lab. Reference: 23-11588018-MBM-0 Provider: 4Cytic Pathology
Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
Date Requested: 16/10/2023 Date Performed: 17/10/2023
Date Collected: 17/10/2023 Complete: No
Specimen:
Subject(Test Name): VITD/PTH
Clinical Information:

Clinical Notes: tinnitus, 7perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018
25-OH Vit D 68 (50-200) nmol/L
Tests to follow: FE, HGR, CHEM, MALS, BSL

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Lab. Reference:	23-11588018-VBM-0	Provider:	4Cyst Pathology
Addressee:	DR RAY WARNER	Referred by:	Dr RAY WARNER
Date Requested:	16/10/2023	Date Performed:	17/10/2023
Date Collected:	17/10/2023	Complete:	No
Specimen:			
Subject/Test Name:	B12/FOLATE MASTER		
Clinical Information:			

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
 Pathologist: Dr C. Harris

B12/Folate (Serum)

Coll Date:	17/10/23
Coll Time:	08:03
Lab Number:	11588018

Vitamin B12	277	(156-670)	pmol/L
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Tests to follow: FE, MOR, CHEM, MALB, BSL

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D.O.B: 5/05/1974 Gender: F
Medicare No.: 50962071292 IHI No.:
Lab. Reference: 23-11588018-THM-0 Provider: 4Cytic Pathology
Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
Date Requested: 16/10/2023 Date Performed: 17/10/2023
Date Collected: 17/10/2023 Complete: No
Specimen:
Subject(Test Name): THYROID
Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018
TSH 1.98 (0.50-4.00) mIU/L

Euthyroid.

Tests to follow: FE, HOB, CHEM, MALB, BSL

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 Medicare No.: 50962071292 IHI No.:
 Lab. Reference: 23-11588018-LPM-0 Provider: 4Cytic Pathology
 Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
 Date Requested: 16/10/2023 Date Performed: 17/10/2023
 Date Collected: 17/10/2023 Complete: No
 Specimen:
 Subject/Test Name: LIPID STUDIES
 Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
 Pathologist: A/Prof P. Stewart

Lipid Studies (Serum)

Coll Date: 17/10/23
 Coll Time: 08:03
 Lab Number: 11588018

Status	Fasting			
Cholesterol	5.2	H	(< 5.6)	mmol/L
Triglyceride	1.1		(< 2.1)	mmol/L
HDL-c	2.2		(> 1.1)	mmol/L
LDL-c	3.0	H	(< 3.1)	mmol/L
TC/HDL-c	2.8		(< 4.5)	
Non-HDL-c	4.0		(< 4.1)	mmol/L

National Heart Foundation treatment targets for high risk patients:

Cholesterol <4.0
 Triglyceride <2.0
 HDL-c >1.0
 LDL-c <2.5 (<1.8 mmol/L for very high risk)
 Non-HDL-c <3.3 (<2.5 mmol/L for very high risk)

Tests to follow: FE,HOR,CHEM,MALB,BSL

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Lab. Reference:	23-11588018-GHB-0	Provider:	4Cytic Pathology
Addressee:	DR RAY WARNER	Referred by:	Dr RAY WARNER
Date Requested:	16/10/2023	Date Performed:	17/10/2023
Date Collected:	17/10/2023	Complete:	No
Specimen:			
Subject(Test Name):	HBA1C		
Clinical Information:			

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
 Pathologist: A/Prof P. Stewart

Diabetic Testing (Whole Blood)

Coll Date:	17/10/23		
Coll Time:	08:03		
Lab Number:	11588018		
HbA1c (NGSP)	4.8	(4.0-5.9)	%
HbA1c (IFCC)	29	(20-41)	mmol/mol

Tests to follow: FE, MOR, FATS, VD/PTH, CHEM, MALB, TFT, B12/FOL

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D.O.B: 5/05/1974 Gender: F
Medicare No.: 50962071292 IHI No.:
Lab. Reference: 23-11588018-ESR-0 Provider: 4C3te Pathology
Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
Date Requested: 16/10/2023 Date Performed: 17/10/2023
Date Collected: 17/10/2023 Complete: No
Specimen:
Subject(Test Name): ESR
Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
Pathologist: Dr C. Harris

Erythrocyte Sedimentation Rate (Whole Blood)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

ESR 9 (< 21) mm/Hr

Tests to follow: FE, HOR, FATS, VD/PTH, CHEN, KALB, TFT, B12/FOL

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 Medicare No.: 50962071292 IHI No.:
 Lab. Reference: 23-11588018-HPM-0 Provider: 4Cytic Pathology
 Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
 Date Requested: 16/10/2023 Date Performed: 17/10/2023
 Date Collected: 17/10/2023 Complete: No
 Specimen:
 Subject(Test Name): FULL BLOOD COUNT
 Clinical Information:

Clinical Notes: tinnitus, 2perimenopausal, takes no hormones
 Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

Coll Date:	17/10/23		
Coll Time:	08:03		
Lab Number:	11588018		
HAEMOGLOBIN	135	(115-165)	g/L
RBC	4.4	(3.8-5.8)	10 ¹² /L
HCT	0.41	(0.32-0.46)	
MCV	91.9	(80.0-100.0)	fL
MCH	30	(26-32)	pg
MCHC	331	(300-360)	g/L
RDW	14.2	(< 15.1)	%
WCC	5.1	(4.0-11.0)	
Neutrophils	2.6	(2.0-8.0)	
Lymphocytes	2.0	(1.0-4.0)	
Monocytes	0.3	(0.2-1.0)	
Eosinophils	0.2	(< 0.8)	
Basophils	0.0	(< 0.2)	
PLATELETS	297	(150-400)	10 ⁹ /L
MPV	7.9	(6.3-14.0)	fL

FBC parameters normal.

Tests to follow: FE, HOR, FATS, VD/PTH, CHEM, MALB, TFT, B12/FOL

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Lab. Reference: 23-11588018-MAL-0 Provider: 4Cytic Pathology
Addressee: DR RAY WARNER Referred by: Dr RAY WARNER
Date Requested: 16/10/2023 Date Performed: 17/10/2023
Date Collected: 17/10/2023 Complete: No
Specimen:
Subject/Test Name: MICROALBUMIN
Clinical Information:

Clinical Notes: tinnitus, ?perimenopausal, takes no hormones
Pathologist: A/Prof P. Stewart

Microalbumin (Urine)

Coll Date: 17/10/23
Coll Time: 08:03
Lab Number: 11588018

Albumin	< 3.0	mg/L
Creatinine	4.0	mmol/L
Albumin/Creat	< 0.8 (< 3.5)	mg/mmol

Normal Alb/Creat result. As patient's most recent eGFR >60, Kidney Health Australia guidelines recommend repeat microalbumin and EUC/biochemical profile in 12-24 months (annually if hypertension present) for at risk patients.

Tests to follow: All Tests now completed