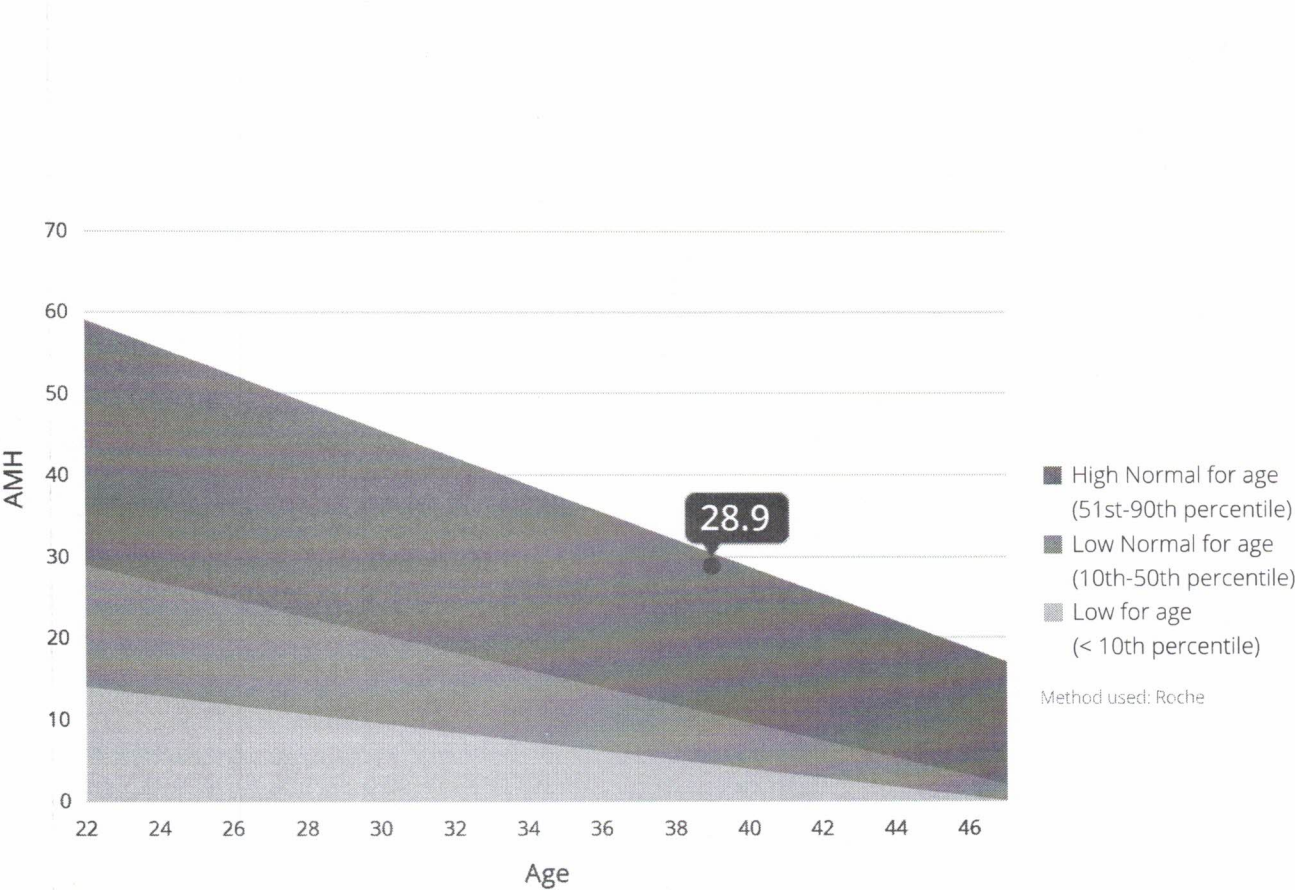


AMH (Marker of Ovarian Follicle Reserve)

Collected	Test	Result	Units
13/04/2024 08:36	AMH	28.9	pmol/L



Test performed by Clinipath Pathology, a member of the Sonic Healthcare Group.

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Liver

Function

Laboratory: Clinipath Pathology

Addressee: DR MARK STIELER Referred by: DR MARK STIELER

Copy to:

EC UNKNOWN

Name of Test: SE- Liver Function

Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Liver Function

Date	24/06/19	26/11/20	29/03/21	13/04/24		
Time F-Fast	1031 F	1431	0829	0836 F		
Lab No.	444735847	432512515	433350463	422448155	Units	Reference
AST	16	24	14	18	U/L	(10-35)
ALT	9	13	7	8	U/L	(5-30)
ALP	43	128 H	97	45	U/L	(30-110)
GGT	13	11	11	17	U/L	(5-35)
Total Bilirubin	12	6	12	16 H	umol/L	(3-15)
Protein	74	76	70	73	g/L	(64-81)
Albumin	45	46	46	47 H	g/L	(35-46)
Globulin	29	30	24	26	g/L	(23-39)

CA

Tests Completed: LFT, Renal Function,Electrolytes,HDL & CHOL,
Glucose Fasting ,C Reactive Protein,Magnesium,FBC

Tests Pending : IAMH, Iron Studies,Zinc (Plasma),.TSHT34,Vitamin B12,
Folate Serum,Progesterone,Prolactin,Testosterone,
VITAMIN D 25 OH,HbA1c,Cortisol AM,Thyroid Abs,
Reverse T3,AMH

Sample Pending : Alb/Creat,LH,FSH,Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Renal
function

Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE- Renal function
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Renal Function

Date	19/03/18	26/11/20	29/03/21	13/04/24		
Time F-Fast	1124	1431	0829	0836 F		
Lab No.	427847998	432512515	433350463	422448155	Units	Reference
Urea	4.2	6.2	5.7	4.5	mmol/L	(2.5-7.0)
Creatinine	76	68	71	82	umol/L	(45-85)
eGFR	89	>90	>90	78		(>59)
Sodium	140	140	140	139	mmol/L	(135-145)
Potassium	4.4	4.6	4.1	4.3	mmol/L	(3.5-5.5)
Chloride	101	107	103	106	mmol/L	(95-110)
Bicarbonate	28	24	30	25	mmol/L	(20-32)

Renal Function eGFR calculated using CKD EPI from 21-05-13.

Comments on Collection 13/04/24 0836 F:

Renal Function

The eGFR is ≤ 90 mL/min/1.73m²; further investigation may be indicated for those at increased risk. (www.kidney.org.au).

CA

Tests Completed: LFT, Renal Function, Electrolytes, HDL & CHOL,
Glucose Fasting, C Reactive Protein, Magnesium, FBC
Tests Pending : IAMH, Iron Studies, Zinc (Plasma), TSHT34, Vitamin B12,
Folate Serum, Progesterone, Prolactin, Testosterone,
VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs,
Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE-Lipids
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-Lipids
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Lipids

Date	20/03/24	13/04/24		
Time F-Fast	Unkn F	0836 F		
Lab No.	422447923	422448155	Units	Reference
Status	Fasting	Fasting		
Cholesterol	4.6	5.4 H	mmol/L	(<5.0)
Triglyceride	1.2	0.5	mmol/L	(<2.0)
HDL Chol.	1.7	1.8	mmol/L	(>1.0)
Coronary Risk Rati	2.7	3.0		(<3.5)
LDL Chol.	2.3	3.4 H	mmol/L	(<3.0)
Non HDL Chol.	2.9	3.6	mmol/L	(<3.9)

HDL & CHOL Non-fasting samples now accepted for lipids.

Comments on Collection 13/04/24 0836 F:

HDL & CHOL

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

CA

Tests Completed: LFT, Renal Function, Electrolytes, HDL & CHOL, Glucose Fasting, C Reactive Protein, Magnesium, FBC
Tests Pending : IAMH, Iron Studies, Zinc (Plasma), TSHT34, Vitamin B12, Folate Serum, Progesterone, Prolactin, Testosterone, VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs, Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference:
422448155-C-SE-Glucose/C-Peptide
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-Glucose/C-Peptide
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Glucose/C-Peptide

Date	24/06/19	20/03/24	13/04/24		
Time F-Fast	1031 F	Unkn F	0836 F		
Lab No.	444735847	422447923	422448155	Units	Reference
Status		Fasting	Fasting		
Gluc. Serum Fast.	5.0		4.6	mmol/L	(3.5-5.4)

Comments on Collection 13/04/24 0836 F:
Glucose Fasting
Diabetes unlikely.

CA

Tests Completed: LFT, Renal Function, Electrolytes, HDL & CHOL,
Glucose Fasting, C Reactive Protein, Magnesium, FBC
Tests Pending : IAMH, Iron Studies, Zinc (Plasma), TSHT34, Vitamin B12,
Folate Serum, Progesterone, Prolactin, Testosterone,
VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs,
Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE-CRP
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-C Reactive Protein
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Date	05/10/17	29/03/21	11/10/23	13/04/24		
Time F-Fast	0855	0829	1036	0836 F		
Lab No.	427099179	433350463	494388207	422448155	Units	Reference
CRP	<1	<1	<1	<1	mg/L	(<5)

Comments on Collection 13/04/24 0836 F:
C Reactive Protein

CA

Tests Completed: LFT, Renal Function, Electrolytes, HDL & CHOL,
Glucose Fasting, C Reactive Protein, Magnesium, FBC
Tests Pending : IAMH, Iron Studies, Zinc (Plasma), TSHT34, Vitamin B12,
Folate Serum, Progesterone, Prolactin, Testosterone,
VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs,
Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE-MG
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-Magnesium
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Date	28/08/21	13/04/24		
Time F-Fast	0852 F	0836 F		
Lab No.	434023933	422448155	Units	Reference
Magnesium (0.65-1.10)	0.75	0.85	mmol/L	

CA

Tests Completed: LFT, Renal Function, Electrolytes, HDL & CHOL,
Glucose Fasting, C Reactive Protein, Magnesium, FBC
Tests Pending : IAMH, Iron Studies, Zinc (Plasma), .TSHT34, Vitamin B12,
Folate Serum, Progesterone, Prolactin, Testosterone,
VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs,
Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-H-ED-

Haematology

Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: ED- Haematology
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Haematology

Date	12/08/23	11/10/23	20/03/24	13/04/24		
Time F-Fast	1045	1036	Unkn	0836 F		
Lab No.	493316636	494388207	422447924	422448155	Units	Reference
Haemoglobin	133	136	135	128	g/L	(115-165)
RCC	4.4	4.4	4.4	4.2	x10 ¹² /L	(3.8-5.8)
Haematocrit (0.36-0.47)	0.41	0.41	0.42	0.39		
MCV	94	94	97	94	fL	(80-100)
MCH	31	31	31	31	pg	(27-32)
MCHC	324	333	318	327	g/L	(310-360)
RDW	13.2	12.4	13.2	12.7		(10-15)
WCC	5.9	4.3	5.2	3.9 L	x10 ⁹ /L	(4.0-11.0)
Neutrophils	4.3	2.7	3.6	2.2	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.1 L	1.4	1.2	1.3	x10 ⁹ /L	(1.2-4.0)
Monocytes	0.5	0.3	0.4	0.4	x10 ⁹ /L	(0.2-1.0)
Eosinophils	<0.1	<0.1	<0.1	<0.1	x10 ⁹ /L	(0.0-0.5)
Basophils	<0.1	<0.1	<0.1	<0.1	x10 ⁹ /L	(0.0-0.1)
Platelets	181	169	178	173	x10 ⁹ /L	(150-400)
ESR		4			mm/h	(1-20)

Comments on Collection 13/04/24 0836 F:

FBC

Slight leucopenia. The red cell and platelet parameters are within acceptable limits.

Comments on Collection 20/03/24 Unkn:

FBC

The full blood count parameters are within the acceptable ranges.

Comments on Collection 11/10/23 1036:

Film

Occasional reactive lymphocyte seen. The erythrocytes and platelets appear normal in morphology.

Comments on Collection 12/08/23 1045:

FBC

The full blood count parameters are within the acceptable ranges.

HA

Tests Completed: LFT, Renal Function,Electrolytes,HDL & CHOL,
Glucose Fasting ,C Reactive Protein,Magnesium,FBC
Tests Pending : IAMH, Iron Studies,Zinc (Plasma),.TSHT34,Vitamin B12,
Folate Serum,Progesterone,Prolactin,Testosterone,
VITAMIN D 25 OH,HbA1c,Cortisol AM,Thyroid Abs,
Reverse T3,AMH
Sample Pending : Alb/Creat,LH,FSH,Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- FE STUDIES
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-Iron Studies
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Iron Studies

Date	03/04/23	12/08/23	20/03/24	13/04/24		
Time F-Fast	1535	1045	Unkn	0836 F		
Lab No.	491790444	493316636	422447924	422448155	Units	Reference
Iron	18	21	14	26	umol/L	(5-30)
Transferrin	32	32	29	33	umol/L	(25-45)
Saturation	28	33	24	39	%	(10-45)
Ferritin	80	73	96	86	ug/L	(30-200)

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
HDL & CHOL, Glucose Fasting, C Reactive Protein,
Magnesium, TSHT34, Folate Serum, Progesterone,
Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
Thyroid Abs, FBC
Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
 1/410 BARKER ROAD, SUBIACO. 6008
 Phone: 0421456701
 Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
 Your Reference: 00047609 Lab Reference: 422448155-C-SE-
 Laboratory: Clinipath Pathology
 Addressee: DR MARK STIELER Referred by: DR MARK STIELER
 Copy to:
 EC UNKNOWN

Name of Test: SE- Thyroid Function
 Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
 15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Thyroid Function

Date	12/08/23	20/03/24	20/03/24	13/04/24		
Time F-Fast	1045	Unkn F	Unkn	0836 F		
Lab No.	493316636	422447923	422447924	422448155	Units	Reference
TSH	2.08	1.99	1.99	2.62	mU/L	(0.4-4.0)
Free T4	11	11	11	12	pmol/L	(9-19)
Free T3				4.1	pmol/L	(3.0-5.5)
TPO Ab				121.1 H	IU/mL	(<6)
TG Ab				52.8 H	IU/mL	(<4)

Comments on Collection 13/04/24 0836 F:
 .TSHT34
 Normal TSH is consistent with euthyroid status.

Thyroid Abs

Raised TPO antibodies occur commonly in autoimmune thyroid disease (Hashimotos and Graves) and post partum thyroiditis. Raised Thyroglobulin antibodies can occur in autoimmune thyroid disease and rarely in thyroid cancer.
 Increased antibodies may also be seen in prodromal hypothyroidism or in patients with other autoimmune diseases.

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies, HDL & CHOL, Glucose Fasting, C Reactive Protein, Magnesium, .TSHT34, Folate Serum, Progesterone, Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM, Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c, Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE-_SFOL
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-_Folate Serum
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Serum Folate

Date	05/10/17	13/04/24		
Time F-Fast	0855	0836 F		
Lab No.	427099179	422448155	Units	Reference
Serum Folate	>20.0	8.9	ug/L	(>3.8)

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
HDL & CHOL, Glucose Fasting, C Reactive Protein,
Magnesium, TSHT34, Folate Serum, Progesterone,
Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
 1/410 BARKER ROAD, SUBIACO. 6008
 Phone: 0421456701
 Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
 Your Reference: 00047609 Lab Reference: 422448155-C-SE- Hormones
 Laboratory: Clinipath Pathology
 Addressee: DR MARK STIELER Referred by: DR MARK STIELER
 Copy to:
 EC UNKNOWN

Name of Test: SE- Hormones
 Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
 15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Hormones

Date	19/03/18	24/06/19	13/04/24	Units	Reference
Time F-Fast	1124	1031 F	0836 F		
Lab No.	427847998	444735847	422448155		
FSH	3	3		U/L	
LH		1		U/L	
Oestradiol	809	193		pmol/L	
Progesterone	54.4	4.4	59.7	nmol/L	
LH/FSH Ratio		0.33			

Reference Progesterone
 Limits nmol/L
 Follicular <2
 Mid-Cycle <6
 Luteal >6
 Menopausal <0.5
 Post Menopausal <0.5

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
 HDL & CHOL, Glucose Fasting, C Reactive Protein,
 Magnesium, TSHT34, Folate Serum, Progesterone,
 Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
 Thyroid Abs, FBC
 Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
 Reverse T3, AMH
 Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Prolactin
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE- Prolactin
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Prolactin

Date	13/04/24		
Time F-Fast	0836 F		
Lab No.	422448155	Units	Reference
Prolactin	350	mIU/L	(<425)

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
HDL & CHOL, Glucose Fasting, C Reactive Protein,
Magnesium, TSHT34, Folate Serum, Progesterone,
Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
 1/410 BARKER ROAD, SUBIACO. 6008
 Phone: 0421456701
 Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
 Your Reference: 00047609 Lab Reference: 422448155-C-SE- Androgens
 Laboratory: Clinipath Pathology
 Addressee: DR MARK STIELER Referred by: DR MARK STIELER
 Copy to:
 EC UNKNOWN

Name of Test: SE- Androgens
 Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
 15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Androgens

Date	19/03/18	24/06/19	13/04/24		
Time F-Fast	1124	1031 F	0836 F		
Lab No.	427847998	444735847	422448155	Units	Reference
Testosterone	0.7	0.6	1.0	nmol/L	(<2.0)
SHBG.	174 H	185 H		nmol/L	(32-128)
FAI	<1	<1			(0.3-3.9)
DHEAS		5.1		umol/L	
(1.65-9.15)					
Free Testosterone	3.5	2.9 L		pmol/L	(3-24)

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
 HDL & CHOL, Glucose Fasting, C Reactive Protein,
 Magnesium, .TSHT34, Folate Serum, Progesterone,
 Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
 Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
 Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
 1/410 BARKER ROAD, SUBIACO. 6008
 Phone: 0421456701
 Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
 Your Reference: 00047609 Lab Reference: 422448155-S-SE-VITD
 Laboratory: Clinipath Pathology
 Addressee: DR MARK STIELER Referred by: DR MARK STIELER
 Copy to:
 EC UNKNOWN

Name of Test: SE-VITAMIN D 25 OH
 Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
 15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Date	24/06/19	26/11/20	28/08/21	13/04/24		
Time F-Fast	1031 F	1431	0852 F	0836 F		
Lab No.	444735847	432512515	434023933	422448155	Units	Reference
25OH Vit D	60	103	124	134	nmol/L	(50-150)

Comments on Collection 13/04/24 0836 F:
 Medicare rebates for vitamin D testing are available for patients at risk of Vitamin D deficiency such as all those with chronic lack of sun exposure.

As 37% of Vitamin D requests in our practice show deficiency, we presume that your patient complies with the funding criteria. If this is not the case, please contact our accounts dept.

ANZBMS updated Position Statement Vitamin D and health in adults in Australia and New Zealand MJA 196 (11) 2012.
 Vitamin D adequacy: >49 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease).

Mild Deficiency	30-49	nmol/L
Moderate Deficiency	12.5-29	nmol/L
Severe Deficiency	< 12.5	nmol/L

SA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
 HDL & CHOL, Glucose Fasting, C Reactive Protein,
 Magnesium, TSHT34, Folate Serum, Progesterone,
 Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
 Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
 Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Cortisol
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE- Cortisol
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Cortisol

Date	13/04/24		
Time F-Fast	0836 F		
Lab No.	422448155	Units	Reference
Cort (6am-10am)	296	nmol/L	(150-535)

RT

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
HDL & CHOL, Glucose Fasting, C Reactive Protein,
Magnesium, TSHT34, Folate Serum, Progesterone,
Prolactin, Testosterone, VITAMIN D 25 OH, Cortisol AM,
Thyroid Abs, FBC

Tests Pending : IAMH, Zinc (Plasma), Vitamin B12, Active B12, HbA1c,
Reverse T3, AMH

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Vitamin
B12

Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-.Vitamin B12
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
16:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Vitamin B12

Date	24/06/19	28/08/21	20/03/24	13/04/24		
Time F-Fast	1031 F	0852 F	Unkn	0836 F		
Lab No.	444735847	434023933	422447924	422448155	Units	Reference
Vitamin B12	301	371	422	348	pmol/L	(139-651)
Active B12	95	163 H	>128 H	98	pmol/L	(23-100)

Comments on Collection 13/04/24 0836 F:
Vitamin B12

Both B12 and active B12 are in the normal range.
Vitamin B12 deficiency is unlikely.

Testing of active B12 is routinely performed for people that have low or equivocal vitamin B12 results (<400 pmol/L) to clarify their B12 status. Both tests are Medicare rebatable. Those with vitamin B12 concentrations over 399 pmol/L are generally replete.

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies, HDL & CHOL, Glucose Fasting, C Reactive Protein, Magnesium, TSHT34, Vitamin B12, Folate Serum, Progesterone, Prolactin, Testosterone, Active B12, VITAMIN D 25 OH, Cortisol AM, Thyroid Abs, FBC
Tests Pending : IAMH, Zinc (Plasma), HbA1c, Reverse T3, AMH
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-AMH
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: AMH
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
17:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

AMH

Date	13/04/24		
Time F-Fast	0836 F		
Lab No.	422448155	Units	Reference
AMH	28.9	pmol/L	(5.5-37.4)

Comments on Collection 13/04/24 0836 F:

IAMH

High dose biotin (>5 mg/day) may artefactually decrease the result obtained by this method. If biotin interference needs to be excluded, please contact the Chemical Pathologist on 9371 4200.

AMH

AMH > 22 pmol/L is consistent with adequate ovarian reserve but may also be associated with PCOS and ovarian hyperstimulation syndrome.

RT

Tests Completed: IAMH, LFT, Renal Function, Electrolytes, Iron Studies, HDL & CHOL, Glucose Fasting, C Reactive Protein, Magnesium, TSHT34, Vitamin B12, Folate Serum, Progesterone, Prolactin, Testosterone, Active B12, VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs, AMH, FBC
Tests Pending : Zinc (Plasma), Reverse T3
Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
 1/410 BARKER ROAD, SUBIACO. 6008
 Phone: 0421456701
 Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
 Your Reference: 00047609 Lab Reference: 422448155-H-ED-Haemoglobin
 Alc
 Laboratory: Clinipath Pathology
 Addressee: DR MARK STIELER Referred by: DR MARK STIELER
 Copy to:
 EC UNKNOWN

Name of Test: ED-Haemoglobin Alc
 Requested: 10/04/2024 Collected: 13/04/2024 Reported: 13/04/2024
 17:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

HbA1C

Date	05/10/17	24/06/19	20/03/24	13/04/24		
Time F-Fast	0855	1031 F	Unkn F	0836 F		
Lab No.	427099179	444735847	422447923	422448155	Units	Reference
HbA1c (NGSP)	5.3	5.1	5.4	5.3	%	(<6.5)
HbA1c (IFCC)	34	33	36	35	mmol/mol	(<48)
Estimated Av Gluco	5.8	5.5	6.0		mmol/L	

Comments on Collection 13/04/24 0836 F:

HbA1c

HbA1c is now Medicare rebateable (once per year) for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq$ 6.5% and/or 48 mmol/mol.

Queries: Dr A. Simpson, Dr K. Kahapola, Dr D. Bell and Dr P. Glendenning
 (08)9371 4200.

SS

Tests Completed: IAMH, LFT, Renal Function, Electrolytes, Iron Studies,
 HDL & CHOL, Glucose Fasting, C Reactive Protein,
 Magnesium, TSHT34, Vitamin B12, Folate Serum,
 Progesterone, Prolactin, Testosterone, Active B12,
 VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs, AMH, FBC

Tests Pending : Zinc (Plasma), Reverse T3

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-R-Zinc
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: Zinc
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 16/04/2024
15:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Zinc

Date	28/08/21	13/04/24		
Time F-Fast	0852 F	0836 F		
Lab No.	434023933	422448155	Units	Reference
P-Zinc	12.9	14.6	umol/L	(9.0-19.0)

Comments on Collection 13/04/24 0836 F:

Testing performed at NATA laboratory accreditation number 1964

LH

Tests Completed: IAMH, LFT, Renal Function, Electrolytes, Iron Studies,
HDL & CHOL, Glucose Fasting, C Reactive Protein,
Magnesium, Zinc (Plasma), TSHT34, Vitamin B12,
Folate Serum, Progesterone, Prolactin, Testosterone,
Active B12, VITAMIN D 25 OH, HbA1c, Cortisol AM,
Thyroid Abs, AMH, FBC

Tests Pending : Reverse T3

Sample Pending : Alb/Creat, LH, FSH, Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-R-SE-RT3
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE-Reverse T3
Requested: 10/04/2024 Collected: 13/04/2024 Reported: 17/04/2024
12:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Date	13/04/24		
Time F-Fast	0836 F		
Lab No.	422448155	Units	Reference
Reverse T3	426	pmol/L	(140-540)

Comments on Collection 13/04/24 0836 F:

Testing performed at NATA laboratory accreditation number 1964

SS

Tests Completed: IAMH,LFT, Renal Function,Electrolytes, Iron Studies,
HDL & CHOL,Glucose Fasting ,C Reactive Protein,
Magnesium,Zinc (Plasma),.TSHT34,Vitamin B12,
Folate Serum,Progesterone,Prolactin,Testosterone,
Active B12,VITAMIN D 25 OH,HbA1c,Cortisol AM,
Thyroid Abs,Reverse T3,AMH,FBC

Tests Pending :

Sample Pending : Alb/Creat,LH,FSH,Oestradiol

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-SE- Hormones
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: SE- Hormones
Requested: 10/04/2024 Collected: 04/05/2024 Reported: 04/05/2024
17:24

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Hormones

Date	19/03/18	24/06/19	*13/04/24		
Time F-Fast	1124	1031 F	0836 F		
Lab No.	427847998	444735847	422448155	Units	Reference
FSH	3	3	5	U/L	
LH		1	15	U/L	
Oestradiol	809	193	1489	pmol/L	
Progesterone	54.4	4.4	59.7	nmol/L	
LH/FSH Ratio		0.33			

Reference	FSH	LH	Oestradiol	Progesterone
Limits	U/L	U/L	pmol/L	nmol/L
Follicular	2-10	2-10	110-450	<2
Mid-Cycle	5-22	10-80	550-1300	<6
Luteal	2-10	2-8	350-800	>6
Menopausal	>20	>15	<85	<0.5
Post Menopausal	>20	>15	<85	<0.5

Comments on Collection *13/04/24 0836 F:

FSH

Results consistent with luteal phase.

* Please note FSH collection date: 04/05/2024 08:20

* Please note LH collection date: 04/05/2024 08:20

* Please note Oestradiol collection date: 04/05/2024 08:20

CA

Report updated on 04/05/2024 at 16:57: Additional Test(s) Reported:

LH

FSH

OESTRADIOL

**** UPDATED REPORT - Please discard the previous report for this test / reference number ****

Tests Completed: IAMH, LFT, Renal Function, Electrolytes, Iron Studies, HDL & CHOL, Glucose Fasting, C Reactive Protein, Magnesium, Zinc (Plasma), TSHT34, Vitamin B12, Folate Serum, LH, FSH, Oestradiol, Progesterone, Prolactin, Testosterone, Active B12, VITAMIN D 25 OH, HbA1c, Cortisol AM, Thyroid Abs, Reverse T3, AMH, FBC

Tests Pending : Alb/Creat

Sample Pending :

SMITH, MARITA
1/410 BARKER ROAD, SUBIACO. 6008
Phone: 0421456701
Birthdate: 13/05/1984 Sex: F Medicare Number: 6175473636
Your Reference: 00047609 Lab Reference: 422448155-C-U-MALB
Laboratory: Clinipath Pathology
Addressee: DR MARK STIELER Referred by: DR MARK STIELER
Copy to:
EC UNKNOWN

Name of Test: U-Alb/Creat
Requested: 10/04/2024 Collected: 04/05/2024 Reported: 04/05/2024
17:54

Clinical notes: 9 am and mid-cycle bloods, fatigue+

Clinical Notes : 9 am and mid-cycle bloods, fatigue+

Date	*13/04/24		
Time F-Fast	0836 F		
Lab No.	422448155	Units	Reference
R-U-Creat	13.5	mmol/L	(2.0-20.0)
R-U-Albumin	10	mg/L	(<20)
Alb/Cr Ratio	0.7	mg/mmol	(0-3.4)

Comments on Collection *13/04/24 0836 F:
Alb/Creat

Urine albumin-creatinine ratio (mg/mmol)	Male	Female
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Normal	<2.5	<3.5
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Microalbuminuria	2.5 - 25	3.5 - 35
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Macroalbuminuria	>25	>35
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Normal albumin / creatinine ratio noted, excluding significant glomerular permeability defect.

* Please note Alb/Creat collection date: 04/05/2024 08:20

CA

Tests Completed: IAMH,LFT, Renal Function,Electrolytes, Iron Studies,
HDL & CHOL,Glucose Fasting ,C Reactive Protein,
Magnesium,Alb/Creat,Zinc (Plasma),.TSHT34,
Vitamin B12,Folate Serum,LH,FSH,Oestradiol,
Progesterone,Prolactin,Testosterone,Active B12,
VITAMIN D 25 OH,HbA1c,Cortisol AM,Thyroid Abs,
Reverse T3,AMH,FBC

Tests Pending :
Sample Pending :