

Patient Health Summary

Name: Miss Sarah Williams
Address: 409 / 15 Freeman Loop
North Fremantle 6159

Eric Street Medical
4 / 36 Eric Street
Eric Street Shopping Centre
Cottesloe 6011
0863141161

D.O.B.: 15/08/1990
Record No.: 19552
Home Phone:
Work Phone:
Mobile Phone: 0400 853 815

Printed on 23rd August 2024

Hi Jaime,

Sarah's results.....

Investigations:

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE-Glucose/C-Peptide
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE-Glucose/C-Peptide
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 13:37

Clinical notes: Not provided

Clinical Notes : Not provided

Glucose/C-Peptide

Date	30/11/19	16/05/20	16/06/20	21/08/24
Time F-Fast	0924 F	0859 F	Unkn	0852 F
Lab No.	445788997	431238266	431935377	422954176 Units

Status	Fasting				
Glucose Fasting	4.6			5.0	mmol/L (3.5-5.4)
Gluc. Serum Fast.	4.6	4.2	4.8		mmol/L (3.5-5.4)

Comments on Collection 21/08/24 0852 F:
Glucose Fasting
Diabetes unlikely.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, C Reactive Protein
Tests Pending : Iron Studies, Red Cell Mg, High Sensitivity CRP,
TSHT34, Vitamin B12, Folate Serum, VITAMIN B6, LH, FSH,
Oestradiol, Progesterone, Insulin, DHEAS,
ALDOSTERONE (Single), Cortisol AM, Reverse T3, FBC, ESR,
Film, CERULOPLASMIN, Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159

Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE-CRP
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE-C Reactive Protein
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 21/08/2024 13:37

Clinical notes: Not provided

Clinical Notes : Not provided

Date	15/06/20	21/08/24		
Time F-Fast	0948 F	0852 F		
Lab No.	431931362	422954176	Units	Reference
CRP	6 H	7 H	mg/L	(<5)

Comments on Collection 21/08/24 0852 F:
 C Reactive Protein
 Mildly elevated CRP levels are a nonspecific marker of an underlying inflammatory condition. Active, severe infection would be unlikely at this value.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, C Reactive Protein
 Tests Pending : Iron Studies, Red Cell Mg, High Sensitivity CRP, TSHT34, Vitamin B12, Folate Serum, VITAMIN B6, LH, FSH, Oestradiol, Progesterone, Insulin, DHEAS, ALDOSTERONE (Single), Cortisol AM, Reverse T3, FBC, ESR, Film, CERULOPLASMIN, Immunophenotyping PB

Sample Pending :

WILLIAMS, SARAH
 409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE-HS-CRP
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE-High Sensitivity CRP
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 21/08/2024 14:07

Clinical notes: Not provided

Clinical Notes : Not provided

Date	30/11/19	16/05/20	21/08/24	
Time F-Fast	0924 F	0859 F	0852 F	
Lab No.	445788997	431238266	422954176	Units Reference
hs-CRP	2.95	5.60 H	7.01 H	mg/L (<5.00)

Comments on Collection 21/08/24 0852 F:
 High Sensitivity CRP
 The CDC/AHA recommend the following hsCRP cut-off points (tertiles) for CVD risk assessment:
 hsCRP level (mg/L) Relative risk
 < 1.0 Low
 1.0 - 3.0 Average
 > 3.0 High

CL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting,C Reactive Protein,High Sensitivity CRP

Tests Pending : Iron Studies,Red Cell Mg, TSHT34,Vitamin B12,
Folate Serum,VITAMIN B6,LH,FSH,Oestradiol,
Progesterone,Insulin,DHEAS,ALDOSTERONE (Single),
Cortisol AM,Reverse T3,FBC,ESR,Film,CERULOPLASMIN,Immunophenotyping PB

Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE- FE STUDIES
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE-Iron Studies
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Iron Studies

Date	30/11/19	16/05/20	21/08/24		
Time F-Fast	0924 F	0859 F	0852 F		
Lab No.	445788997	431238266	422954176	Units	Reference
Iron	11	11	12	umol/L	(5-30)
Transferrin	32	33	32	umol/L	(25-45)
Saturation	17	17	19	%	(10-45)
Ferritin	86	129	143	ug/L	(30-200)

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies,C Reactive Protein,

High Sensitivity CRP, TSHT34,Vitamin B12,
Folate Serum,LH,FSH,Oestradiol,Progesterone,DHEAS,Cortisol AM

Tests Pending : Red Cell Mg,.TSHT34,VITAMIN B6,Insulin,
ALDOSTERONE (Single),Reverse T3,FBC,ESR,Film,
CERULOPLASMIN,Immunophenotyping PB

Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE- Vitamin B12
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE-.Vitamin B12
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Vitamin B12

Date	30/11/19	21/08/24		
Time F-Fast	0924 F	0852 F		
Lab No.	445788997	422954176	Units	Reference
Vitamin B12	647	437	pmol/L	(139-651)

Comments on Collection 21/08/24 0852 F:
Vitamin B12
Normal Vitamin B12 level; deficiency is unlikely.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies,C Reactive Protein,
High Sensitivity CRP, TSHT34,Vitamin B12,
Folate Serum,LH,FSH,Oestradiol,Progesterone,DHEAS,Cortisol AM
Tests Pending : Red Cell Mg,.TSHT34,VITAMIN B6,Insulin,
ALDOSTERONE (Single),Reverse T3,FBC,ESR,Film,
CERULOPLASMIN,Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE-_SFOL
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE- Folate Serum
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Serum Folate

Date	21/08/24		
Time F-Fast	0852 F		
Lab No.	422954176	Units	Reference
Serum Folate	4.7	ug/L	(>3.8)

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies,C Reactive Protein,
High Sensitivity CRP, TSHT34,Vitamin B12,
Folate Serum,LH,FSH,Oestradiol,Progesterone,DHEAS,Cortisol AM
Tests Pending : Red Cell Mg,.TSHT34,VITAMIN B6,Insulin,
ALDOSTERONE (Single),Reverse T3,FBC,ESR,Film,
CERULOPLASMIN,Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE- Hormones
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE- Hormones
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Hormones

Date	30/11/19	16/05/20	15/06/20	21/08/24		
Time F-Fast	0924 F	0859 F	0948 F	0852 F		
Lab No.	445788997	431238266	431931362	422954176	Units	Reference
FSH	4	3	4	3	U/L	
LH	7	6	5	4	U/L	
Oestradiol	415	664	407	410	pmol/L	
Progesterone	5.9	21.1	8.8	29.4	nmol/L	
LH/FSH Ratio	1.75	2.00	1.25			

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 21/08/24 0852 F:
FSH
Normal luteal (post-ovulatory) phase pattern.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies, C Reactive Protein,
High Sensitivity CRP, TSHT34, Vitamin B12,
Folate Serum, LH, FSH, Oestradiol, Progesterone, DHEAS, Cortisol AM
Tests Pending : Red Cell Mg, .TSHT34, VITAMIN B6, Insulin,
ALDOSTERONE (Single), Reverse T3, FBC, ESR, Film,
CERULOPLASMIN, Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE- Androgens
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE- Androgens
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Androgens

Date	30/11/19	16/05/20	15/06/20	21/08/24		
Time F-Fast	0924 F	0859 F	0948 F	0852 F		
Lab No.	445788997	431238266	431931362	422954176	Units	Reference
Testosterone	1.1	1.1	0.8		nmol/L	(<2.0)
SHBG.	44	67	59		nmol/L	(30-120)
FAI	3	2	1			(<6)
DHEAS			10.6 H	13.4 H	umol/L	(1.65-9.15)
Free Testosterone	17.5	12.6	10.3		pmol/L	(1-34)

CL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies, C Reactive Protein,
High Sensitivity CRP, TSHT34, Vitamin B12,
Folate Serum, LH, FSH, Oestradiol, Progesterone, DHEAS, Cortisol AM
Tests Pending : Red Cell Mg, .TSHT34, VITAMIN B6, Insulin,
ALDOSTERONE (Single), Reverse T3, FBC, ESR, Film,
CERULOPLASMIN, Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
 409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE- Cortisol
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE- Cortisol
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 21/08/2024 14:37

Clinical notes: Not provided

Clinical Notes : Not provided

Cortisol

Date	30/11/19	21/08/24		
Time F-Fast	0924 F	0852 F		
Lab No.	445788997	422954176	Units	Reference
Cort (6am-10am)	313	287	nmol/L	(150-535)

CL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies,C Reactive Protein,
 High Sensitivity CRP, TSHT34,Vitamin B12,
 Folate Serum,LH,FSH,Oestradiol,Progesterone,DHEAS,Cortisol AM

Tests Pending : Red Cell Mg,.TSHT34,VITAMIN B6,Insulin,
 ALDOSTERONE (Single),Reverse T3,FBC,ESR,Film,
 CERULOPLASMIN,Immunophenotyping PB

Sample Pending :

WILLIAMS, SARAH
 409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE-
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE- Thyroid Function
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 21/08/2024 15:07

Clinical notes: Not provided

Clinical Notes : Not provided

Thyroid Function

Date	30/11/19	16/05/20	15/06/20	21/08/24		
Time F-Fast	0924 F	0859 F	0948 F	0852 F		
Lab No.	445788997	431238266	431931362	422954176	Units	Reference
TSH	2.32	3.99	3.89	4.45 H	mU/L	(0.4-4.0)
Free T4	15		14	13	pmol/L	(9-19)
Free T3	5.3		4.3	5.2	pmol/L	(3.0-5.5)
TPO Ab			<3.0		IU/mL	(<6)
TG Ab			<3.0		IU/mL	(<4)

CL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies,C Reactive Protein,
 High Sensitivity CRP,.TSHT34, TSHT34,Vitamin B12,

Folate Serum, LH, FSH, Oestradiol, Progesterone, Insulin,
DHEAS, Cortisol AM, FBC, ESR, Film
Tests Pending : Red Cell Mg, VITAMIN B6, ALDOSTERONE (Single),
Reverse T3, CERULOPLASMIN, Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-C-SE-INS
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: SE-Insulin
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 15:07

Clinical notes: Not provided

Clinical Notes : Not provided

Date	30/11/19	16/05/20	16/06/20	21/08/24		
Time F-Fast	0924 F	0859 F	Unkn	0852 F		
Lab No.	445788997	431238266	431935377	422954176	Units	Reference
S-Insulin	14	12	17	28 H	mU/L	(<20)

Comments on Collection 21/08/24 0852 F:
Insulin
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.

GK

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies, C Reactive Protein,
High Sensitivity CRP, TSHT34, TSHT34, Vitamin B12,
Folate Serum, LH, FSH, Oestradiol, Progesterone, Insulin,
DHEAS, Cortisol AM, FBC, ESR, Film

Tests Pending : Red Cell Mg, VITAMIN B6, ALDOSTERONE (Single),
Reverse T3, CERULOPLASMIN, Immunophenotyping PB
Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 Sex: F Medicare Number: 2241910166
Your Reference: 30911 Lab Reference: 422954176-H-ED- Haematology
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR Referred by: DR JAMES LALOR

Name of Test: ED- Haematology
Requested: 15/07/2024 Collected: 21/08/2024 Reported: 21/08/2024 15:07

Clinical notes: Not provided

Clinical Notes : Not provided

Haematology

Date	16/05/20	15/06/20	15/06/20	21/08/24		
Time F-Fast	0859 F	0948 F	0948	0852 F		
Lab No.	431238266	431931362	431931366	422954176	Units	Reference
Haemoglobin	120	112 L	112 L	120	g/L	(115-165)
RCC	4.4	4.1	4.1	4.4	x10 ¹² /L	(3.8-5.8)

Haematocrit	0.39	0.37	0.37	0.39		(0.36-0.47)
MCV	88	91	91	89	fL	(80-100)
MCH	27	28	28	28	pg	(27-32)
MCHC	308 L	303 L	303 L	308 L	g/L	(310-360)
RDW	17.8 H	18.2 H	18.2 H	16.1 H		(10-15)
WCC	20.3 H	15.1 H	15.1 H	14.5 H	x10 ⁹ /L	(4.0-11.0)
Neutrophils	15.9 H	11.0 H	11.0 H	10.9 H	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	3.0	2.9	2.9	2.5	x10 ⁹ /L	(1.2-4.0)
Monocytes	1.3 H	1.0	1.0	1.1 H	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)
NRBC	0.2	0.1	0.1	0.2	/100 WBC	(<1.0)
Platelets	1289 H	1009 H	1009 H	990 H	x10 ⁹ /L	(150-400)
ESR		32 H		46 H	mm/h	(1-20)
Reticulocytes			2.3 H		%	(0.2-2.0)

Comments on Collection 21/08/24 0852 F:

Film

Marked thrombocytosis. Slight neutrophilia. Red cells show anisocytosis, some pencil cells, tear drop cells and polychromasia. The neutrophils show a slight left shift. Platelet anisocytosis noted.

Comments on Collection 15/06/20 0948:

Film

Marked thrombocytopenia with platelet anisocytosis noted. Neutrophilia. Slight anaemia with anisocytosis seen.

Comments on Collection 15/06/20 0948 F:

Film

Marked thrombocytopenia with platelet anisocytosis noted. Neutrophilia. Slight anaemia with anisocytosis seen.

Comments on Collection 16/05/20 0859 F:

Film

Marked thrombocytosis. Moderate neutrophilia with toxic granulation and occasional myelocytes seen. Red cells show rouleaux, anisocytosis and polychromasia with some burr cells, pencil cells and tear drop cells. Occasional nucleated red cells noted.
History of ET noted.

HL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies, C Reactive Protein, High Sensitivity CRP, TSHT34, TSHT34, Vitamin B12, Folate Serum, LH, FSH, Oestradiol, Progesterone, Insulin, DHEAS, Cortisol AM, FBC, ESR, Film

Tests Pending : Red Cell Mg, VITAMIN B6, ALDOSTERONE (Single), Reverse T3, CERULOPLASMIN, Immunophenotyping PB

Sample Pending :

WILLIAMS, SARAH
409/15 FREEMAN LOOP, NORTH FREMANTLE. 6159
Phone: 0400853815
Birthdate: 15/08/1990 **Sex:** F **Medicare Number:** 2241910166
Your Reference: 30911 **Lab Reference:** 422954176-C-SE- Renin/Aldosterone
Laboratory: Clinipath Pathology
Addressee: DR JAMES LALOR **Referred by:** DR JAMES LALOR

Name of Test: SE- Renin/Aldosterone
Requested: 15/07/2024 **Collected:** 21/08/2024 **Reported:** 22/08/2024 12:37

Clinical notes: Not provided

Clinical Notes : Not provided

Renin/Aldosterone

Date 21/08/24
Time F-Fast 0852 F
Lab No. 422954176
Units Reference

pmol/L (100-950)

EM

Clinipath Pathology NATA No: 2619-2612

Tests Completed: Glucose Fasting, Iron Studies, C Reactive Protein,
High Sensitivity CRP, TSHT34, TSHT34, Vitamin B12,
Folate Serum, LH, FSH, Oestradiol, Progesterone, Insulin,
DHEAS, ALDOSTERONE (Single), Cortisol AM, FBC, ESR, Film

Tests Pending : Red Cell Mg,VITAMIN B6,Reverse T3,CERULOPLASMIN,Immunophenotyping PB
Sample Pending :