

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-MBA-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 4/09/2022
Specimen:

Date Performed: 4/09/2022
Complete: Final

Subject(Test Name): SERUM CHEMISTRY (MBA-0)

Clinical Notes : Antenatal

SERUM CHEMISTRY

Request Number	13651982	19888283	21240827
Date Collected	3 Sep 21	23 Aug 22	4 Sep 22
Time Collected	12:15	08:30	12:55
Specimen Type:	Serum		

Haemolysis	Nil	Nil	Nil
Icterus	Nil	Nil	Nil
Lipaemia	Nil	Nil	Nil

Na	(135-145)	mmol/L	136	138	
K	(3.6-5.4)	mmol/L	4.3	4.3	
Cl	(95-110)	mmol/L	104	105	
HCO3	(22-32)	mmol/L	23	21	
An Gap	(10-20)		13	16	
Urea	(2.5-8.0)	mmol/L	3.5	3.1	
Creat	(45-90)	umol/L	70	60	
eGFR	mL/min/1.73m ²		> 90	> 90	
Urate	(0.14-0.36)	mmol/L	0.39	0.24	
Bili	(< 15)	umol/L	8	6	
AST	(< 30)	U/L	23	13	
ALT	(< 30)	U/L	11	< 7	
GGT	(< 30)	U/L	15	13	
Alk Phos	(20-105)	U/L	71	76	
Protein	(60-82)	g/L	73	67	
Albumin	(38-50)	g/L	46	43	45
Glob	(20-39)		27	24	
Ca	(2.10-2.60)	mmol/L	2.53	2.34	
Corr Ca	(2.10-2.60)		2.47	2.34	
PO4	(0.75-1.50)	mmol/L	0.94	0.93	

Requested Tests : PRL, AMH*, MBA, HOR*, AND*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-PRL-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Laverty Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 4/09/2022

Date Performed: 4/09/2022
Complete: Final

Specimen:
Subject(Test Name): SERUM PROLACTIN (PRL-0)

Clinical Notes : Antenatal

PROLACTIN

Specimen Type: Serum

Request Number	Date Collected Ref Range	Prolactin mIU/L (40-570)
21240827	04/09/22	122

Requested Tests : PRL, AMH*, MBA, HOR*, AND*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-FE-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): IRON STUDIES (FE-0)

Clinical Notes : Prenatal.

IRON STUDIES

Request Number	13651982	19888283
Date Collected	3 Sep 21	23 Aug 22
Time Collected	12:15	08:30
Specimen Type:	Serum	
Iron (10-30)	umol/L	15 6
T'ferrin(32-48)	umol/L	34 31
T. Sat. (13-45)	%	22 10
Ferritin(30-165)	ug/L	33 18

The mildly reduced ferritin, together with a low transferrin saturation, suggests iron deficiency.

During the reproductive years, iron deficiency in women is usually due to multiparity or heavy menstrual losses. Investigation of the gastrointestinal tract for a source of blood loss may be indicated.

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-PRL-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 4/09/2022
Specimen:

Date Performed: 4/09/2022
Complete: Final

Subject(Test Name): SERUM PROLACTIN (PRL-0)

Clinical Notes : Antenatal

PROLACTIN

Specimen Type: Serum

Request Number	Date Collected Ref Range	Prolactin mIU/L (40-570)
21240827	04/09/22	122

Requested Tests : PRL, AMH*, MBA, HOR*, AND*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-HOR-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Laverty Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 4/09/2022

Date Collected: 4/09/2022

Complete: Final

Specimen:

Subject(Test Name): HORMONE PROFILE (HOR-0)

Clinical Notes : Antenatal

SERUM HORMONE PROFILE

Specimen Type: Serum

Request Number	Date Collected	FSH IU/L	LH IU/L	PROG nmol/L	E2 (ATEL) pmol/L	E2 (BECK) pmol/L	LH/FSH Ratio
13651982	3 Sep 21	4	6.9	1	227		
13649420	20 Sep 21			27			
19888283	23 Aug 22			13			
21240827	4 Sep 22	5	11.1		817		

Reference Ranges	FSH	LH	PROG	OESTRADIOL
Follicular	2-12	2-12	0.5-4.5	100-530
Midcycle	12-30	>15		235-1300
Luteal	2-12	2-15	10.6-89.1	205-790
Menopausal	>25	>10		<100
Prepubertal	<6	<4		
Pregnancy 1st Trimester			36-286	
2nd Trimester			81-284	
3rd Trimester			154-1344	

PLEASE NOTE:

'E2 (ATEL)' - Oestradiol by Siemens Atellica assay
'E2 (BECK)' - Oestradiol by Beckman Access assay

Requested Tests : PRL, AMH*, MBA, HOR, AND*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-AND-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 4/09/2022

Date Collected: 4/09/2022

Complete: Final

Specimen:

Subject(Test Name): ANDROGENS (AND-0)

Clinical Notes : Antenatal

SERUM ANDROGENS

Total Testosterone (Siemens)	0.7	nmol/L	(0.4-1.4)
Sex Hormone Binding Globulin	77	nmol/L	(20-118)
DHEAS	5.5	umol/L	(1.9-7.3)

Due to the high levels of oestradiol binding to SHBG in pregnancy, calculated free testosterone is unable to be accurately calculated in pregnant women.

The non-pregnant reference interval for sex hormone binding globulin is provided because we do not have a gestational age for this patient.

Requested Tests : PRL, AMH*, MBA, HOR, AND

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-21240827-AMH-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 4/09/2022
Specimen:

Date Performed: 4/09/2022
Complete: Final

Subject(Test Name): ANTI MULLERIAN HORMONE (AMH-0)

Clinical Notes : Antenatal

ANTI-MULLERIAN HORMONE (AMH)

Request Number	13651982	21240827
Date Collected	3 Sep 21	4 Sep 22
Time Collected	12:15	12:55
Specimen Type:	Serum	
AMH	pmol/L	
	21.0	12.0

PLEASE NOTE: concurrent or recent OCP use can decrease AMH levels significantly, and this may take some time to resolve. A repeat AMH level 6-12 months after ceasing the OCP may be helpful.

Reference Interval:

<14 pmol/L: Decreased AMH level. Suggests possible abnormal ovarian reserve. Hormonal contraception and pregnancy may also cause temporary decrease in AMH levels and should be excluded.

14 - 30 pmol/L: Suggests normal ovarian reserve.

>30 pmol/L: Elevated AMH level. Indicates possibility of:
- PCOS
- Higher risk of OHSS in a stimulated cycle.

AMH levels should be interpreted with caution in young adult female patients (<25 years).

Requested Tests : PRL, AMH, MBA, HOR, AND

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-FBE-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): HAEMATOLOGY (FBE-0)

Clinical Notes : Prenatal.

		HAEMATOLOGY	
Request Number		13651982	19888283
Date Collected		3 Sep 21	23 Aug 22
Time Collected		12:15	08:30
Specimen Type:	EDTA		
Hb (115-165)	g/L	134	134
Hct (0.34-0.47)		0.40	0.40
RCC (3.9-5.8)	x10 ¹² /L	4.4	4.4
MCV (79-99)	fL	92	92
MCH (27-34)	pg	31	31
MCHC (320-360)	g/L	333	333
RDW (10.0-17.0)	%	13.0	13.2
WBC (4.0-11.0)	x10 ⁹ /L	13.0	6.3
Neut (2.0-7.5)	x10 ⁹ /L	9.5	3.7
Lymph(1.0-4.0)	x10 ⁹ /L	2.7	2.1
Mono (0.2-1.0)	x10 ⁹ /L	0.7	0.4
Eos (< 0.7)	x10 ⁹ /L	0.1	0.2
Baso (< 0.2)	x10 ⁹ /L	0.0	0.0
Plat (150-400)	x10 ⁹ /L	265	275

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : VBF*, TFT*, STE*, GLU*, ESR*, CRP*, 125*, MBA*, LIP*, INS*, IMM*, IGE*, IFI*, HOR*, FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-LIP-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): LIPID STUDIES (LIP-0)

Clinical Notes : Prenatal.

LIPID STUDIES

Specimen Type: Serum

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis Nil
Icterus Nil
Lipaemia Nil

Fasting status	Fasting		
Total Cholesterol	3.5	mmol/L	(3.6-5.2)
Triglycerides	0.7	mmol/L	(0.5-1.7)
HDL Cholesterol	1.5	mmol/L	(1.0-2.0)
LDL Cholesterol	1.7	mmol/L	(1.5-3.4)
Non-HDL Cholesterol	2.0	mmol/L	(< 3.4)
Cholesterol/HDL-C Ratio	2.3		(< 4.5)

NVDPA TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0
TRIGS (FASTING)	<2.0
HDL-C	>= 1.0
LDL-C	<2.0
NON HDL-C	<2.5

Requested Tests : VBF*, TFT*, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-ESR-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): E.S.R (ESR-0)

Clinical Notes : Prenatal.

HAEMATOLOGY

Request Number 19888283
Date Collected 23 Aug 22
Time Collected 08:30
Specimen Type: EDTA
ESR (< 30) mm/hr 8

Requested Tests : VBF*, TFT*, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*,
FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-GLU-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): GLUCOSE (GLU-0)

Clinical Notes : Prenatal.

	<u>SERUM/PLASMA GLUCOSE</u>
Fasting status	Fasting
Serum	5.7 mmol/L (3.4-5.4)

Equivocally elevated fasting glucose result. If not recently performed, recommend follow-up assessment with an oral glucose tolerance test or HbA1c.

Requested Tests : VBF*, TFT*, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-CRP-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): C-REACTIVE PROTEIN (CRP-0)

Clinical Notes : Prenatal.

C-REACTIVE PROTEIN

Specimen Type: Serum

Serum CRP < 4.0 mg/L (< 6.0)

Requested Tests : VBF*, TFT*, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-MBA-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): SERUM CHEMISTRY (MBA-0)

Clinical Notes : Prenatal.

SERUM CHEMISTRY

Request Number	13651982	19888283
Date Collected	3 Sep 21	23 Aug 22
Time Collected	12:15	08:30
Specimen Type:	Serum	

Haemolysis	Nil	Nil
Icterus	Nil	Nil
Lipaemia	Nil	Nil

Na	(135-145)	mmol/L	136	138
K	(3.6-5.4)	mmol/L	4.3	4.3
Cl	(95-110)	mmol/L	104	105
HCO3	(22-32)	mmol/L	23	21
An Gap	(10-20)	mmol/L	13	16
Urea	(2.5-8.0)	mmol/L	3.5	3.1
Creat	(45-90)	umol/L	70	60
eGFR	mL/min/1.73m ²		> 90	> 90
Urate	(0.14-0.36)	mmol/L	0.39	0.24
Bili	(< 15)	umol/L	8	6
AST	(< 30)	U/L	23	13
ALT	(< 30)	U/L	11	< 7
GGT	(< 30)	U/L	15	13
Alk Phos	(20-105)	U/L	71	76
Protein	(60-82)	g/L	73	67
Albumin	(38-50)	g/L	46	43
Glob	(20-39)	g/L	27	24
Ca	(2.10-2.60)	mmol/L	2.53	2.34
Corr Ca	(2.10-2.60)	mmol/L	2.47	2.34
PO4	(0.75-1.50)	mmol/L	0.94	0.93

eGFR ≥ 90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

Requested Tests : VBF*, TFT*, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE*, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-TFT-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022

Date Performed: 23/08/2022
Complete: Final

Specimen:
Subject(Test Name): THYROID FUNCTION TEST (TFT-0)

Clinical Notes : Prenatal.

		THYROID PROFILE	
Request Number		13651982	19888283
Date Collected		3 Sep 21	23 Aug 22
Time Collected		12:15	08:30
Specimen Type:	Serum		
TSH	(0.5-4.0) mIU/L	0.87	1.8
FT4	(10-20) pmol/L	18	

Result(s) consistent with euthyroidism.

Please note the above reference intervals have been developed from a non-pregnant healthy general population study.

Please note that without a specific indication, Medicare does not fund FT4 and FT3 testing in patients with normal TSH results. If these tests are clinically indicated please contact the laboratory.

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR*, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-HOR-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022

Date Performed: 23/08/2022
Complete: Final

Specimen:
Subject(Test Name): HORMONE PROFILE (HOR-0)

Clinical Notes : Prenatal.

SERUM HORMONE PROFILE

Specimen Type: Serum

Request Number	Date Collected	FSH IU/L	LH IU/L	PROG nmol/L	E2 (ATEL) pmol/L	E2 (BECK) pmol/L	LH/FSH Ratio
13651982	3 Sep 21	4	6.9	1	227		
13649420	20 Sep 21			27			
19888283	23 Aug 22			13			

Reference Ranges	FSH	LH	PROG	OESTRADIOL
Follicular	2-12	2-12	0.5-4.5	100-530
Midcycle	12-30	>15		235-1300
Luteal	2-12	2-15	10.6-89.1	205-790
Menopausal	>25	>10		<100
Prepubertal	<6	<4		

PLEASE NOTE:

'E2 (ATEL)' - Oestradiol by Siemens Atellica assay
'E2 (BECK)' - Oestradiol by Beckman Access assay

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125*, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-125-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022

Date Performed: 23/08/2022
Complete: Final

Specimen:
Subject(Test Name): CANCER ANTIGEN 125 (125-0)

Clinical Notes : Prenatal.

SERUM CANCER ANTIGEN 125

CA 125 (Siemens) 22 U/mL (< 35)

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125, MBA, LIP, INS*, IMM*, IGE*, IFI*, HOR,
FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-IGE-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022

Date Performed: 23/08/2022
Complete: Final

Specimen:
Subject(Test Name): IMMUNOGLOBULIN E (SERUM) (IGE-0)

Clinical Notes : Prenatal.

	<u>SERUM IGE</u>	
Serum IgE	104 kIU/L	(< 100)

Please note: Samples with markedly high IgE levels may measure falsely low results due to an assay interference. If this IgE result is clinically unexpected, please call 9005 7000 to discuss further with a chemical pathologist or immunopathologist.

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125, MBA, LIP, INS*, IMM*, IGE, IFI*, HOR, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-INS-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022

Date Performed: 23/08/2022
Complete: Final

Specimen:
Subject(Test Name): SERUM INSULIN (INS-0)

Clinical Notes : Prenatal.

SERUM INSULIN

Fasting status
Haemolysis

Fasting
Nil

Insulin 5 mU/L (< 10)

ASSESSMENT OF INSULIN RESISTANCE (FASTING SAMPLES ONLY)

< 10 - normal insulin sensitivity
10-14 - mild insulin resistance
> 14 - insulin resistance

Insulin results from non-fasting samples are difficult to interpret
although any result ≥ 60 mU/L is likely to indicate insulin resistance.

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI*, HOR, FE,
FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-IMM-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): IMMUNOGLOBULINS (IMM-0)

Clinical Notes : Prenatal.

SERUM IMMUNOGLOBULINS

IgG	8.92	g/L	(6.50-16.00)
IgA	1.41	g/L	(0.40-3.50)
IgM	1.38	g/L	(0.53-3.00)

Requested Tests : VBF*, TFT, STE*, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI*, HOR, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-VBF-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Laverty Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): B12, FOLATE, R.C.FOLATE (VBF-0)

Clinical Notes : Prenatal.

VITAMIN B12 AND FOLATE STUDIES

Vitamin B12	344	pmol/L	(301-740)
Active B12	> 146	pmol/L	(> 40)

Serum Active B12 Assay:

This active B12 result indicates that the patient is likely to be vitamin B12 sufficient. Patients with renal impairment may still be B12 depleted despite an active B12 level within this range. For these patients, correlation with total B12, homocysteine and/or methylmalonate is required.

Please note that as of 03/05/2022, Laverty Pathology changed to the Atellica analyser for Active B12 testing. Results may be slightly higher compared to the previous method. Reference intervals have been adjusted accordingly. If further information is required, please contact a Chemical Pathologist on 9005 7000.

Requested Tests : VBF, TFT, STE*, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI*, HOR, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-STE-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): TRACE ELEMENTS (STE-0)

Clinical Notes : Prenatal.

PLASMA TRACE ELEMENTS

(RI)

Copper	21	umol/L	(12-24)
--------	----	--------	---------

RI = Reference Interval

Requested Tests : VBF, TFT, STE, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI*, HOR, FE, FBE, DVI*, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-DVI-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): VITAMIN D (DVI-0)

Clinical Notes : Prenatal.

VITAMIN D

Haemolysis	Nil	
Serum 25(OH) Vitamin D	65	nmol/L

Suggested decision limits for Vitamin D status:

Sufficiency	51 -200	nmol/L
Mild deficiency	25 - 50	nmol/L
Marked deficiency	< 25	nmol/L
Toxicity	>250	nmol/L

References: Vitamin D and health in adults in Australia and New Zealand:
Position Statement. MJA 2012 June 18; 196(11),686-687.

Requested Tests : VBF, TFT, STE, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI*, HOR, FE, FBE, DVI, CTD*, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-CTD-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022
Date Collected: 23/08/2022
Specimen:

Date Performed: 23/08/2022
Complete: Final

Subject(Test Name): AUTOIMMUNE (CTD-0)

Clinical Notes : Prenatal.

AUTOIMMUNE SEROLOGY

Anti-nuclear antibodies Negative

The ANA was negative at the screening dilution of 1:80. A negative ANA excludes lupus in 95% of cases. Consider ENA screening for patients with features of Sjogren's Syndrome (to detect antibodies to SS-A) and antibodies to cardiolipin, beta-2 glycoprotein 1, and lupus anticoagulant for patients with features of the anti-phospholipid antibody syndrome.

Antibodies to Extractable Nuclear Antigens (ENA)

Antibody to Sm	Not detected
Antibody to nRNP	Not detected
Antibody to SSA (Ro60)	Not detected
Antibody to SSA (Ro52)	Not detected
Antibody to SSB	Not detected
Antibody to Scl-70	Not detected
Antibody to Jo-1	Not detected
Antibody to Ribo-P	Not detected

Antibodies to the extractable nuclear antigens listed above were not detected by screening with a multiplex immunoassay. Antibodies to additional disease-associated ENAs (including PM-Scl and others) are not detectable with the current assay.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VBF, TFT, STE, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI, HOR, FE, FBE, DVI, CTD, COE*

Patient Name: SMUTS, BIANCA
Patient Address: 12/56-58 GORDON ST, MANLY VALE 2093
D.O.B: 31/12/1983
Medicare No.: 2606962417
Lab. Reference: 22-19888283-COE-0
Addressee: DR JENNIFER WINES

Sex: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. JENNIFER WINES

Date Requested: 22/08/2022

Date Performed: 23/08/2022

Date Collected: 23/08/2022

Complete: Final

Specimen:

Subject(Test Name): COELIAC MASTER PANEL (COE-0)

Clinical Notes : Prenatal.

COELIAC DISEASE SEROLOGY

Deamidated gliadin peptide IgA	1 U/mL	(< 15)
Deamidated gliadin peptide IgG	10 U/mL	(< 15)
Endomysial Antibodies	Negative	(< 1:5)
Total IgA	1.41 g/L	(0.40-3.50)
Transglutaminase IgA	< 1 U/mL	(< 15)

No serological evidence of coeliac disease or dermatitis herpetiformis.
False negative results may occur in affected individuals compliant with a gluten-free diet. Affected children aged under 5 years may also be negative for IgA- tissue transglutaminase antibodies.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VBF, TFT, STE, GLU, ESR, CRP, 125, MBA, LIP, INS, IMM, IGE, IFI, HOR, FE, FBE, DVI, CTD, COE