

# Patient Health Summary

Name: Miss Stephanie Oliveira Zumckeller  
Address: 16 The Esplanade  
Unit 5  
Burleigh Heads 4220  
D.O.B.: 18/07/1990  
Record No.: 23234  
Home Phone:  
Work Phone:  
Mobile Phone: 0410822320

Mudgeeraba Family Medical Centre  
4 Bell Central, 2 Bell Place  
Mudgeeraba 4213

0755228166

Printed on 13th November 2024

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## Investigations:

OLIVEIRA ZUMCKELLER, STEPHANIE  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 44598805921  
**Your Reference:** 922573 **Lab Reference:** 922573  
**Laboratory:** Wise Clinic MP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** US BREASTS - BILATERAL (OA300)  
**Requested:** 22/10/2024 **Collected:** 23/10/2024 **Reported:** 24/10/2024 11:59

## WISE CLINIC

This report is for: Dr M. Silva

Referred By:  
Dr M. Silva

Patient Name: MS STEPHANIE OLIVEIRA ZUMCKELLER  
DOB: 18/07/1990

US BILATERAL BREAST 23/10/2024 Reference: 922573

## ULTRASOUND BILATERAL BREASTS

### Clinical Profile

The patient has a family history of breast cancer. The patient also has a breast cyst, for follow-up.

### Findings

There are small cysts seen as below:

2 o'clock position on the right side 3cm from the nipple measuring 7 x 6 x 3mm.

Laterally on the right at 9 o'clock position 6cm from the nipple measuring 15 x 10 x 4mm.

Cyst on the left side at 12 o'clock position 4cm from the nipple. It measures 5 x 4 x 2mm.

Lobulated lesion at 12 o'clock position on the left 8cm from the nipple. It is lobulated and is hypoechoic. It measures 7 x 7 x 4mm. It is likely to represent entrapped fat nodule rather than a lipoma.

No other focal lesion is seen on either side. No ductal dilatation or axillary adenopathy is seen.

## Remarks

The present study reveals small cysts seen bilaterally, identified on the right side at the 2 o'clock and 9 o'clock position and on the left side at 12 o'clock position. A solid lesion at 12 o'clock position on the left side 8cm from the nipple is suggestive of an entrapped fat nodule. No evidence of any sinister breast parenchymal nodule is seen. Further follow-up for routine periodic surveillance is suggested.

*Typist: prk/ams*

Radiologist: Dr Susheel Kumar Kuriakose  
Sonographer:

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OLIVEIRA ZUMCKELLER, STEPHANIE  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 44598805921  
**Your Reference:** 924372 **Lab Reference:** 924372  
**Laboratory:** Wise Clinic MP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA  
  
**Name of Test:** US PELVIS  
**Requested:** 22/10/2024 **Collected:** 28/10/2024 **Reported:** 29/10/2024 18:09

## WISE CLINIC

This report is for: Dr M. Silva

Referred By:  
Dr M. Silva

Patient Name: MS STEPHANIE OLIVEIRA ZUMCKELLER  
DOB: 18/07/1990

US PELVIS 28/10/2024 Reference: 924372

## **ULTRASOUND PELVIS**

### **Clinical Indication**

Dysmenorrhoea. Pelvic assessment.

### **Report**

Transabdominal, transvaginal, colour and spectral Doppler examinations were performed.

The uterus is anteverted and measures 85mm in length. It represents a normal contour and appearance.

The endometrium measures 5mm in combined thickness and shows no focal abnormality.

The right ovary measures 35 x 21 x 14mm (6mL volume) and it presents in normal sonographic appearance. The left ovary measures 33 x 25 x 22mm (9mL volume) and it also presents a normal appearance.

Both ovaries are normally located and each demonstrate normal mobility upon palpation during transvaginal scanning. There are no pelvic masses demonstrated and there is no free fluid in the pouch of Douglas.

### **Impression**

No unusual features were seen.

*Typist: mid/mks*

Radiologist: Dr Glenn McNally (MBBS FRANZCOG MRCOG)

Sonographer:

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OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-E-E823  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** AMH VIRTUAL  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 08/11/2024 04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Anti-Mullerian Hormone (AMH)

Anti-Mullerian Hormone (Roche Plus) 5.2 ( 4.1 - 58.0 ) pmol/L

Comments on Collection 516405856

The reference interval quoted above for the Roche AMH Plus assay is the age-related 2.5 - 97.5 percentile.

Generally accepted fertility criteria (not age-related):

<11.0 pmol/L: Suggestive of reduced ovarian reserve

>24.0 pmol/L: Indicates the possibility of

1. Polycystic Ovarian Syndrome

2. In post-menopausal females - granulosa cell tumour

3. Increased risk of Ovarian Hyperstimulation

Syndrome in a stimulated cycle

AMH is produced by the granulosa cells of developing follicles, and provides an estimate of the number of primordial follicles. Particularly in younger women, a low AMH level does not exclude the possibility of fertility.

Levels may be decreased in the latter part of the menstrual cycle and by the OC pill.

High dose biotin (Vitamin B7) can interfere in the AMH Plus assay, causing a falsely low result. High dose biotin may be used in the treatment of Multiple Sclerosis, and is present in certain vitamin supplements, particularly those for hair and nails. If the patient is taking high dose biotin supplementation (>5 mg/day) this result may not be accurate, please repeat this test after at least 3 days off biotin

LK

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Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH, Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology, LH, FSH, Oestradiol, Progesterone, Testosterone, Active B12, Vitamin D, HbA1c, AMH (Roche Plus), FBE

Tests Pending : C trach PCR, N gono PCR, 17-OH Prog, Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-E-E405  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S-VITAMIN D  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 19:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### 25 Hydroxy Vitamin D

25-OH Vitamin D 64 ( 50 - 150 ) nmol/L

Comments on Collection 516405856

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter  
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)  
Mild vitamin D deficiency: 30-49 nmol/L  
Moderate vitamin deficiency: 12.5-29 nmol/L  
Severe vitamin D deficiency: < 12.5 nmol/L

EA

Sullivan Nicolaidides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,Vitamin D,HbA1c,FBE

Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,AMH (Roche Plus),Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-H-E416  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** HBA1C  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 07/11/2024 19:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### HbA1c

HbA1c (NGSP)	5.1	(	<6.5	)	%
HbA1c (IFCC)	33	(	<48	)	mmol/mol

Comments on Collection 516405856

The currently accepted cut-point for diagnosis of Type 2 Diabetes is an HbA1c level equal to or greater than 6.5% (48 mmol/mol) in patients with normal red blood cell turnover.

An abnormal screening HbA1c equal to or greater than 6.5% (48 mmol/mol) should be confirmed by a repeat HbA1c level as soon as possible, prior to any dietary adjustment or therapeutic intervention.

If the follow up HbA1c is less than 6.5% (48mmol/mol) then the patient does not have diabetes and should be rescreened in 12 months time.

(Ref: MJA 197/4:220-221 (2012))

Patients with HbA1c levels of 5.7 - 6.4% (38 - 46 mmol/mol) may still have a slightly increased risk of microvascular complications according to the AusDiab study.

The Medicare item for HbA1C for diagnosis of Diabetes Mellitus is limited to one test per 12 months; for monitoring Diabetes testing remains unchanged - 4 tests per 12 months.

Further information may be found at MBS online

<http://www9.health.gov.au/mbs/search.cfm>

An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

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Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,Vitamin D,HbA1c,FBE  
Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,AMH (Roche Plus),Urine MCS  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-M-M210  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: URINE MCS1  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 19:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### Urine - Microscopy/Culture/Sensitivity

Specimen type	Urine
pH	8
Protein	Nil
Glucose	Nil
Specific Gravity	1.015 (1.005 - 1.030)
Leucocytes	<10 ( <10 ) x 10 <sup>6</sup> /L
Erythrocytes	<10 ( <20 ) x 10 <sup>6</sup> /L
Squam Epi Cells	<10 x 10 <sup>6</sup> /L

Culture Culture proceeding

AM

\*\*\* The above result is provisional. Finalised report to follow. \*\*\*

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,Vitamin D,HbA1c,FBE  
Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,AMH (Roche Plus),Urine MCS  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-V-V244  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: .HbA1c Graph  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 19:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

SS

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Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,Vitamin D,HbA1c,FBE  
Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,AMH (Roche Plus),Urine MCS  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-C-C847  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S-\_LIPID PROFILE  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 18:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Lipid Profile

Cholesterol	6.1 H	(	<5.6	)	mmol/L
Triglyceride	0.9	(	<2.1	)	mmol/L
HDL	1.92	(	>1.09	)	mmol/L
LDL	3.8	(	<4.1	)	mmol/L
Tot Chol/HDL	3.2	(	<4.6	)	
Non HDLC	4.18 H	(	<3.81	)	mmol/L

Comments on Lab Id: 516405856

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

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 and familial hyperlipidaemic conditions) 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 the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE  
Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,

Testosterone,17-OH Prog,Vitamin D,HbA1c,  
AMH (Roche Plus),Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-C-C290  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S-C REACTIVE PROTEIN  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 18:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### C Reactive Protein

CRP 0.7 ( <5 ) mg/L

Comments on Lab Id: 516405856

CRP is a more sensitive early indicator of an acute phase response than is ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

If CRP is elevated, it can indicate disease activity of an inflammatory, infective or neoplastic nature.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE

Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,Vitamin D,HbA1c,  
AMH (Roche Plus),Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-C-C140  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S- ROUTINE CHEMISTRY  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 07/11/2024 18:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Sodium	137	( 135 - 145 )	mmol/L
Potassium	4.0	( 3.5 - 5.5 )	mmol/L
Chloride	103	( 95 - 110 )	mmol/L
Bicarbonate	24	( 20 - 32 )	mmol/L
Anion Gap	10	( <16 )	mmol/L
Calcium (Corrected)	2.41	( 2.10 - 2.60 )	mmol/L
Phosphate	1.22	( 0.80 - 1.50 )	mmol/L



Urea	3.8	( 2.5 - 7.0 )	mmol/L
Urate	0.292	(0.150 - 0.400)	mmol/L
Creatinine	54	( 45 - 85 )	umol/L
eGFR	>90	( >59 )	
Glucose fasting	4.9	( 3.6 - 6.0 )	mmol/L
Total Protein	72	( 64 - 81 )	g/L
Albumin	41	( 33 - 46 )	g/L
Globulin	31	( 23 - 43 )	g/L
Bilirubin	11	( <16 )	umol/L
ALP	59	( 20 - 105 )	U/L
AST	12	( 10 - 35 )	U/L
ALT	11	( 5 - 30 )	U/L
GGT	23	( 5 - 35 )	U/L
LD	130	( <250 )	U/L
Cholesterol	6.1 H	( <5.6 )	mmol/L
Triglyceride	0.9	( <2.1 )	mmol/L
Haemolysis Index	1	( <40 )	

Comments on Lab Id: 516405856

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE

Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,Vitamin D,HbA1c,  
AMH (Roche Plus),Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-H-H900  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** .BLOOD COUNT  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 07/11/2024 18:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Haematology

<b>Haemoglobin</b>	130	( 115 - 165 )	g/L
Haematocrit	0.40	( 0.35 - 0.47 )	
Red cell count	4.3	( 3.9 - 5.6 )	10*12/L
MCV	93	( 80 - 100 )	fL
<b>White cell count</b>	6.9	( 3.5 - 12.0 )	10*9/L
Neutrophils	3.00	( 1.5 - 8.0 )	10*9/L
Lymphocytes	3.44	( 1.0 - 4.0 )	10*9/L
Monocytes	0.38	( 0 - 0.9 )	10*9/L
Eosinophils	0.05	( 0 - 0.6 )	10*9/L
Basophils	0.03	( 0 - 0.15 )	10*9/L
<b>Platelets</b>	289	( 150 - 400 )	10*9/L

Comments on Lab Id: 516405856

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE  
Tests Pending : Iron Studies,C trach PCR,N gono PCR,TFTH,Vitamin B12,  
Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
Syphilis Serology,LH,FSH,Oestradiol,Progesterone,  
Testosterone,17-OH Prog,Vitamin D,HbA1c,  
AMH (Roche Plus),Urine MCS  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-C-H245  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: .ANAEMIA  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 08/11/2024 04:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### Haematinics

Iron	23	( 5 - 30 )	umol/L
Transferrin	3.0	( 1.9 - 3.1 )	g/L
TIBC	75	( 47 - 77 )	umol/L
Saturation	31	( 20 - 45 )	%
Ferritin	38	( 30 - 250 )	ug/L
CRP	0.7	( <5 )	mg/L
Vitamin B12	279	( >150 )	pmol/L
Active B12	>128	( >35 )	pmol/L
Folate (Serum)	29	( >7.0 )	nmol/L

Comments on Lab Id: 516405856

Normal Iron Status.

All patients with low or equivocal vitamin B12 results (400 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.

Both tests are now Medicare rebateable. Vitamin B12 concentrations over 400 pmol/L are generally considered replete.

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status.

**Holotranscobalamin** level indicates Vitamin B12 deficiency unlikely.

Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

EA

Sullivan Nicolaidies Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,TFTH,  
Vitamin B12,Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,LH,FSH,Oestradiol,  
Progesterone,Testosterone,Active B12,Vitamin D,HbA1c,  
AMH (Roche Plus),FBE

Tests Pending : C trach PCR,N gono PCR,17-OH Prog,Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-E-E140

**Laboratory:** SNP

**Addressee:** DR MARCELO SILVA

**Referred by:** DR MARCELO SILVA

**Name of Test:** S- HEPATITIS ABC

**Requested:** 22/10/2024

**Collected:** 07/11/2024

**Reported:** 08/11/2024

04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Hepatitis Serology

HepB surface antigen

Negative

HepC-IgG antibody

Negative

Comments on Collection 516405856

Hepatitis C IgG may not appear for up to six (6) months after primary infection.

If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.

For further information on serological events in acute (self-limiting)

Hepatitis B infection see

<http://protocols.sonichealthcare.com/shared/IP129.pdf>

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH, Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, \_HIV Ag/Ab, HepB Serology, Syphilis Serology, LH, FSH, Oestradiol, Progesterone, Testosterone, Active B12, Vitamin D, HbA1c, AMH (Roche Plus), FBE

Tests Pending : C trach PCR, N gono PCR, 17-OH Prog, Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE

UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220

**Phone:** 0410822320

**Birthdate:** 18/07/1990

**Sex:** F

**Medicare Number:** 4459880592

**Your Reference:** F14F16B3FA

**Lab Reference:** 516405856-E-E117

**Laboratory:** SNP

**Addressee:** DR MARCELO SILVA

**Referred by:** DR MARCELO SILVA

**Name of Test:** S- HIV 1/2

**Requested:** 22/10/2024

**Collected:** 07/11/2024

**Reported:** 08/11/2024

04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### HIV 1/2 Serology

HIV Ag/Ab

Negative

Comments on Collection 516405856

HIV-1/HIV-2 antigen/antibody assay performed by Abbott CMIA.

Approximately 50-90% of patients report signs and symptoms suggestive of primary HIV infection at the time of seroconversion, which mostly occurs at 10-14 days after exposure (range 3 days to 10 weeks). Onset of symptoms often coincides with the detection of HIV antigen/antibodies although testing can be negative for up to 3 weeks after symptoms develop. Negative results performed less than 12 weeks after exposure should be repeated at least 12 weeks after exposure to exclude transmission.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,TFTH,  
Vitamin B12,Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,LH,FSH,Oestradiol,  
Progesterone,Testosterone,Active B12,Vitamin D,HbA1c,  
AMH (Roche Plus),FBE

Tests Pending : C trach PCR,N gono PCR,17-OH Prog,Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-E-S253  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** S- Syphilis Virtual  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 08/11/2024 04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Syphilis Serology

Syphilis (CMIA) Screen Negative

Comments on Collection 516405856

No treponemal antibodies detected.  
The Syphilis TP Chemiluminescent Microparticle Immunoassay (CMIA) is a  
screening test for T.pallidum antibodies.

This result may indicate:

1. no exposure to T.pallidum.
2. very early primary syphilis. If risk factors exist a further  
sample should be tested in 2-3 weeks. In symptomatic patients, a  
swab of mucocutaneous lesions for the detection of T.pallidum DNA  
by PCR may be positive before antibody production commences.

Repeat antenatal syphilis screening for high risk subjects should  
be considered at 28-32 weeks gestation and at delivery.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,TFTH,  
Vitamin B12,Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,LH,FSH,Oestradiol,  
Progesterone,Testosterone,Active B12,Vitamin D,HbA1c,  
AMH (Roche Plus),FBE

Tests Pending : C trach PCR,N gono PCR,17-OH Prog,Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-E-E199  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** S- FERTILITY HORMONES  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 08/11/2024 04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Gonadal Hormones

FSH	3	IU/L
LH	2	IU/L
Oestradiol	459	pmol/L
Progesterone	29	nmol/L

Reference Limits	FSH IU/L	LH IU/L	Oestradiol pmol/L	Progesterone nmol/L
Follicular	2 - 10	2 - 7	110 - 180	<0.5 - 2.5
Mid-Cycle	7 - 24	9 - 74	550 - 1650	2.5 - 12.0
Luteal	1 - 10	1 - 9	180 - 840	12.0 - 90.0
Menopausal	20 - 140	10 - 65	<200	<2.2
OCP	<5	<9	<80	<1.5

Comments on Collection 516405856

Falsely elevated Abbott oestradiol levels may be seen in patients on fulvestrant, mifepristone or abemaciclib.

AC

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH, Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology, LH, FSH, Oestradiol, Progesterone, Testosterone, Active B12, Vitamin D, HbA1c, AMH (Roche Plus), FBE

Tests Pending : C trach PCR, N gono PCR, 17-OH Prog, Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-E-E515  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S- ANDROGENS

Requested: 22/10/2024 Collected: 07/11/2024 Reported: 08/11/2024 04:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### Androgens

Testosterone	1.1	( <2.2 )	nmol/L
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EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH, Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, HIV Ag/Ab, HepB Serology, Syphilis Serology, LH, FSH, Oestradiol, Progesterone, Testosterone, Active B12, Vitamin D, HbA1c, AMH (Roche Plus), FBE

Tests Pending : C trach PCR, N gono PCR, 17-OH Prog, Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320

**Birthdate:** 18/07/1990      **Sex:** F      **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA      **Lab Reference:** 516405856-V-V063  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA      **Referred by:** DR MARCELO SILVA

**Name of Test:** .AMHR Graph  
**Requested:** 22/10/2024      **Collected:** 07/11/2024      **Reported:** 08/11/2024      04:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

SS

#### PDF Image Enhanced Report

A PDF version of this report with images is available until 08-11-2025. Copy and paste the URL below into your web browser and use PIN 8386 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=728FD85A-9D37-11EF-B9C0-9305DA254398&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH,  
Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, \_HIV Ag/Ab,  
HepB Serology, Syphilis Serology, LH, FSH, Oestradiol,  
Progesterone, Testosterone, Active B12, Vitamin D, HbA1c,  
AMH (Roche Plus), FBE

Tests Pending : C trach PCR, N gono PCR, 17-OH Prog, Urine MCS

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990      **Sex:** F      **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA      **Lab Reference:** 516405856-M-M210  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA      **Referred by:** DR MARCELO SILVA

**Name of Test:** URINE MCS1  
**Requested:** 22/10/2024      **Collected:** 07/11/2024      **Reported:** 08/11/2024      08:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

#### Urine - Microscopy/Culture/Sensitivity

Specimen type	Urine
pH	8
Protein	Nil
Glucose	Nil
Specific Gravity	1.015 (1.005 - 1.030)
Leucocytes	<10 ( <10 ) x 10 <sup>6</sup> /L
Erythrocytes	<10 ( <20 ) x 10 <sup>6</sup> /L
Squam Epi Cells	<10 x 10 <sup>6</sup> /L

Culture No pathogens isolated

MICROAB

#### FINAL REPORT - Updated on 08/11/2024 at 07:59

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, TFTH,  
Vitamin B12, Folate (Serum), HBsAg, HepC-IgG, \_HIV Ag/Ab,  
HepB Serology, Syphilis Serology, LH, FSH, Oestradiol,  
Progesterone, Testosterone, Active B12, Vitamin D, HbA1c,

AMH (Roche Plus),FBE,Urine MCS  
Tests Pending : C trach PCR,N gono PCR,17-OH Prog  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-E-E030  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: S- THYROID FUNCTION  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 08/11/2024 04:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### Thyroid Function Tests

Free T4	13.1	( 9.0 - 19.0 )	pmol/L
TSH	1.4	( 0.3 - 3.5 )	mIU/L

Comments on Collection 516405856

Euthyroid  
Please note that the reference intervals for fT4 have recently changed for patients over 70 years of age and pregnant women.  
Please contact the laboratory on 3377 8530 if you require further information.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,TFTH,  
Vitamin B12,Folate (Serum),HBsAg,HepC-IgG,\_HIV Ag/Ab,  
HepB Serology,Syphilis Serology,LH,FSH,Oestradiol,  
Progesterone,Testosterone,Active B12,Vitamin D,HbA1c,  
AMH (Roche Plus),FBE

Tests Pending : C trach PCR,N gono PCR,17-OH Prog,Urine MCS  
Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
Phone: 0410822320  
Birthdate: 18/07/1990 Sex: F Medicare Number: 4459880592  
Your Reference: F14F16B3FA Lab Reference: 516405856-D-D353  
Laboratory: SNP  
Addressee: DR MARCELO SILVA Referred by: DR MARCELO SILVA

Name of Test: C trachomatis PCR  
Requested: 22/10/2024 Collected: 07/11/2024 Reported: 08/11/2024 11:38

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

#### Chlamydia trachomatis PCR

Site	Urine
Chlamydia trachomatis DNA	Not Detected

Comments on Collection 516405856

Chlamydia trachomatis DNA has not been detected by PCR using specific primers and probes targeting cryptic plasmid and the ompA gene.  
For further enquiries regarding these results please contact

Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

MA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,C trach PCR,  
N gono PCR,TFTH,Vitamin B12,Folate (Serum),HBsAg,  
HepC-IgG,\_HIV Ag/Ab,HepB Serology,Syphilis Serology,  
LH,FSH,Oestradiol,Progesterone,Testosterone,  
Active B12,Vitamin D,HbA1c,AMH (Roche Plus),FBE,Urine MCS

Tests Pending : 17-OH Prog

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-D-D403  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** N gonorrhoeae PCR  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 08/11/2024 11:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

**Neisseria gonorrhoeae PCR**

Site	Urine
Neisseria gonorrhoeae DNA	Not Detected

Comments on Collection 516405856

Neisseria gonorrhoeae DNA has not been detected in this sample by PCR using specific primers and probes targeting genomic DNA sequences.  
For further enquiries regarding these results please contact  
Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

MA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,CRP,E/LFT,C trach PCR,  
N gono PCR,TFTH,Vitamin B12,Folate (Serum),HBsAg,  
HepC-IgG,\_HIV Ag/Ab,HepB Serology,Syphilis Serology,  
LH,FSH,Oestradiol,Progesterone,Testosterone,  
Active B12,Vitamin D,HbA1c,AMH (Roche Plus),FBE,Urine MCS

Tests Pending : 17-OH Prog

Sample Pending :

OLIVEIRA ZUMCKELLER, STEPHANIE  
UNIT 5 16 THE ESPLANADE, BURLEIGH HEADS. 4220  
**Phone:** 0410822320  
**Birthdate:** 18/07/1990 **Sex:** F **Medicare Number:** 4459880592  
**Your Reference:** F14F16B3FA **Lab Reference:** 516405856-E-Y956  
**Laboratory:** SNP  
**Addressee:** DR MARCELO SILVA **Referred by:** DR MARCELO SILVA

**Name of Test:** S-17OH Progesterone  
**Requested:** 22/10/2024 **Collected:** 07/11/2024 **Reported:** 08/11/2024 15:38

**Clinical notes:** . Fasting.

Clinical Notes : . Fasting.

**17-OH Progesterone**



17-Hydroxy Progesterone 9.9 nmol/L

Comments on Collection 516405856

17OH Progesterone assay performed by Diasource radioimmunoassay.

Reference Range:

Follicular	0.6 - 8.0	nmol/L
Luteal	0.8 - 12.0	nmol/L
Menopausal	0.3 - 3.6	nmol/L

ND

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, CRP, E/LFT, C trach PCR,  
N gono PCR, TFTH, Vitamin B12, Folate (Serum), HBsAg,  
HepC-IgG, \_HIV Ag/Ab, HepB Serology, Syphilis Serology,  
LH, FSH, Oestradiol, Progesterone, Testosterone,  
Active B12, 17-OH Prog, Vitamin D, HbA1c,  
AMH (Roche Plus), FBE, Urine MCS

Tests Pending :

Sample Pending :