

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Biochemistry

Test Name	Result	Units	Reference Interval	Comment
Status	Fasting			
Sodium	140	mmol/L	135 - 145	
Potassium	4.0	mmol/L	3.5 - 5.5	
Chloride	105	mmol/L	95 - 110	
Bicarbonate	26	mmol/L	20 - 32	
Urea	5.1	mmol/L	2.5 - 7.0	
Creatinine	58	umol/L	45 - 85	
eGFR	>90	ml/min	>59	
Uric Acid	0.22	mmol/L	0.15 - 0.40	
Calcium	2.43	mmol/L	2.10 - 2.60	
Corrected Calcium	2.31	mmol/L	2.10 - 2.60	
Phosphate	1.20	mmol/L	0.7 - 1.5	
Total Bilirubin	14	umol/L	3 - 15	
Alk Phos	79	U/L	20 - 105	
Gamma GT	15	U/L	5 - 35	
LDH	172	U/L	120 - 250	
AST	27	U/L	10 - 35	
ALT	18	U/L	5 - 30	
Total Protein	70	g/L	68 - 85	
Albumin	46	g/L	37 - 48	
Globulin	24	g/L	23 - 39	
Cholesterol	4.0	mmol/L	3.5 - 5.5	
● Glucose Fasting	5.5 H	mmol/L	3.6 - 5.4	HIGH

## Comments

RACGP guidelines recommend evaluating risk factors for diabetes via AUDRISK. For high risk patients only, a fasting glucose between 5.5 and 6.9 mmol/L should be evaluated with a follow up OGTT.

<http://www.health.gov.au/preventionoftype2diabetes>

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

10-11-2024 11:16

## Iron Studies

Test Name	Result	Units	Reference Interval	Comment
Iron	22.3	umol/L	8.8 - 27.0	
Transferrin	2.9	g/L	2.0 - 3.6	
Saturation	35	%	10 - 45	
● Ferritin	23 L	ug/L	30 - 160	LOW

## Comments

Serum ferritin levels between 15-30 ug/L may reflect depleted iron stores and iron therapy may be indicated.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

11-11-2024 11:42

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Lipids and HDL

Test Name	Result	Units	Reference Interval	Comment
Status	Fasting			
Cholesterol	4.0	mmol/L	3.5 - 5.5	
Triglycerides	0.3	mmol/L	0.0 - 1.5	
HDL Cholesterol	1.8	mmol/L	1.0 - 2.2	
LDL Cholesterol	2.1	mmol/L	0.0 - 2.5	
Tot Chol/HDL	2.2		0.0 - 4.5	
Non HDL Cholesterol	2.2	mmol/L	<3.9	

## Comments

### 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).

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 11:16

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

Test Name	Result	Units	Reference Interval	Comment
CRP	0.66	mg/L	0 - 5	

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 11:16

## Routine Chemistry

Test Name	Result	Units	Reference Interval	Comment
Magnesium	0.91	mmol/L	0.65 - 1.00	

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

13-11-2024 02:29

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Heavy Metals

Serum Copper	15	umol/L	12 - 22
Serum Zinc	18	umol/L	10 - 18

## Comments

Reported by Douglass Hanly Moir Pathology(2178), a member of the Sonic Healthcare Group.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

12-11-2024 17:43

## Blood Metals

Selenium	1.8	umol/L	0.7 - 2.0
----------	-----	--------	-----------

## Comments

As of 22/05/23 the SNP Reference Intervals for plasma selenium have been updated

Reported by Sullivan & Nicolaidis (1964), a member of the Sonic Healthcare Group.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

15-11-2024 16:37

Referrer **Dr Ginette Kremmidiotis**

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Phone 0881555333

Lab ID **467596531**

DOB 26/10/1982 (42 Yrs FEMALE)

Your ref. 467596531

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Random Urine Iodine

R-U-Creatinine	2.2	mmol/L	
Urine iodine	<b>26 L</b>	ug/L	> 100
Creat Corr. Iodine	<b>84 L</b>	ug/L	> 100

## Comments

Iodine levels are interpreted using the WHO criteria. However, the creatinine-corrected iodine level allows for iodine assessment in urine samples which are more dilute or concentrated than usual.

WHO classification of iodine deficiency - Urine Iodine levels:

Not iodine deficient:	> 100 ug/L	urine
Mild iodine deficiency:	50 - 100 ug/L	urine
Moderate iodine deficiency:	20 - 49 ug/L	urine
Severe iodine deficiency:	< 20	ug/L urine

To convert Iodine ug/L to Iodine nmol/L  
ug/L x 7.88 = nmol/L

HMRC recommends supplementation of 150ug/day of Iodine to ensure that all women who are pregnant, breastfeeding or considering pregnancy have adequate iodine status. Women should not take kelp (seaweed) supplements or kelp based products because they may contain varying levels of iodine and may be contaminated with heavy metals such as mercury.

Reported by Sullivan & Nicolaidis (1964), a member of the Sonic Healthcare Group.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

14-11-2024 06:54

Referrer **Dr Ginette Kremmidiotis**

Address **FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045**

Phone **0881555333**

Lab ID **467596531**

DOB **26/10/1982 (42 Yrs FEMALE)**

Your ref. **467596531**

Address **5/65 BALMORAL AVENUE  
WARRADALE SA 5046**

Phone **0438701091**

Copy to **Dr Amrit Basra (1300391438)**  
**Dr Details Pending (0883662000)**  
**Dr Susan Kimber (0882953511)**  
**Dr Hugh O'Sullivan (1300391438)**

Requested **06/11/2024**

Clinical Notes **day 21 check ovulation**

Collected **10/11/2024 08:47**

Received **10/11/2024 08:51**

Thyroid Function

Test Name	Result	Units	Reference Interval	Comment
TSH	2.1	mU/L	0.40 - 3.50	

Comments

Please note from 15/04/19, this assay is performed on an Abbott Alinity and the reference intervals have been changed accordingly.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

13-11-2024 02:50

Homocysteine	3.4	umol/L	<15.0
--------------	-----	--------	-------

Comments

Please note from 14/04/19 this assay is performed on an Abbott Alinity and the reference interval has been changed accordingly.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

11-11-2024 16:11

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## HIV Serology

HIV 1/2 Antigen and Antibody Not Detected

## Comments

No serological evidence of infection with HIV-1 or HIV-2

Please note from 15/04/19, this assay is performed on an Abbott Alinity and the reference intervals have been changed accordingly.

For Clin advice(Drs only) call Dr J Roy 83662014

CLINPATH LABORATORIES NATA NO:3307

12-11-2024 12:52



Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Hormones

Oestradiol 105 pmol/L

Reference	Oestradiol
Limits	pmol/L
Follicular	77-921
Mid-Cycle	140-2380
Luteal	77-1145
Menopausal	<100
Contraceptive	

## Comments

Falsely elevated Abbott oestradiol levels may be seen in patients on fulvestrant (FASLODEX) or mifepristone (MIFEGYNE, MIFEPRE) therapies. This elevation can be observed in patients treated with mifepristone for up to two weeks post treatment.

Please note from 15/04/19, this assay is performed on an Abbott Alinity and the reference intervals have been changed accordingly.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 11:37

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Tumour Markers

Cancer Antigen 125 **52 H** U/mL 0 - 35

## Comments

Mild elevation of CA- 125 may be seen in benign or reactive conditions (such as pregnancy, menstruation, recent surgery, endometriosis, fibroids, ascites, cirrhosis and pancreatitis), certain non-ovarian malignancies (GIT, pulmonary, pancreatic, hepatic) as well as approximately 80% of ovarian carcinomas.

Please note from 14/04/19, this assay is performed on an Abbott Alinity.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

11-11-2024 11:29

## Cortisol

Cortisol am 301 nmol/L 102 - 535

## Comments

Please note from 14/04/19, this assay is performed on an Abbott Alinity and the reference intervals have been changed accordingly.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 11:34

Lab ID 467596531

DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

## Haematology

Test Name	Result	Units	Reference Interval	Comment
ESR	5	mm/h	1 - 20	

Clinical advice (Drs only) call Dr L Nath 83662057

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 13:06

## Serum Vitamin B12, Folate and Red Cell Folate.

Test Name	Result	Units	Reference Interval	Comment
Vitamin B12	855	pmol/L	130 - 855	
Serum Folate	37.8	nmol/L	>6.0	

## Comments

Total Vitamin B12 concentrations above 400 pmol/L indicate B12 sufficiency is likely.

Please note from 15/04/2019, the Serum Folate assay is performed on an Abbott Alinity.

Advice (Drs only) call Dr Devika Thomas 83662000

CLINPATH LABORATORIES NATA NO:3307

11-11-2024 11:42

Lab ID 467596531      DOB 26/10/1982 (42 Yrs FEMALE)

Referrer Dr Ginette Kremmidiotis

Your ref. 467596531

Address FLINDERS FERTILITY 24 GORDON STREET  
GLENELG SA 5045

Address 5/65 BALMORAL AVENUE  
WARRADALE SA 5046

Phone 0881555333

Phone 0438701091

Copy to Dr Amrit Basra (1300391438)  
Dr Details Pending (0883662000)  
Dr Susan Kimber (0882953511)  
Dr Hugh O'Sullivan (1300391438)

Requested 06/11/2024

Clinical Notes day 21 check ovulation

Collected 10/11/2024 08:47

Received 10/11/2024 08:51

Haematology

Test Name	Result	Units	Reference Interval	Comment
Haemoglobin	145	g/L	119 - 160	
Red cell count	4.7	x10 <sup>12</sup> /L	3.8 - 5.8	
Haematocrit	0.45	l/L	0.35 - 0.48	
MCV	95	fL	80 - 100	
MCH	30.6	pg	27.0 - 32.0	
MCHC	322	g/L	310 - 360	
RDW	12.4		10.0 - 15.0	
White cell count	4.7	x10 <sup>9</sup> /L	4.0 - 11.0	
Neutrophils	2.92	x10 <sup>9</sup> /L	1.7 - 7.5	
Lymphocytes	1.32	x10 <sup>9</sup> /L	1.0 - 4.0	
Monocytes	0.33	x10 <sup>9</sup> /L	0.0 - 1.0	
Eosinophils	0.05	x10 <sup>9</sup> /L	0.0 - 0.5	
Basophils	0.03	x10 <sup>9</sup> /L	0.0 - 0.3	
Platelets	191	x10 <sup>9</sup> /L	150 - 450	

Comments

Results normal.

Clinical advice (Drs only) call Dr L Nath 83662057

CLINPATH LABORATORIES NATA NO:3307

10-11-2024 11:06