

Patient Summary

29/06/2022

Ms Gemma Fitzgerald

110 Robsons St
KEIRAVILLE NSW 2500

DOB: 13/10/1988
Medicare No: 2760226414 1
Health Fund:
Occupation: Artist

Expiry: 00/00/0000
Membership No:

Past History:
Nil significant

Current Problems:
Nil significant

Smoking History:
Not recorded

Alcohol Intake:
Alcohol Unticked

Social & Family History:

Prescription History between 06/05/2022 and 08/05/2022:

PATHOLOGY & RADIOLOGY RESULTS between 06/05/2022 and 08/05/2022:

2760 - Reference No: 488452247 Status: F

Patient:	Gemma FITZGERALD	Linked by:	Yasmin Tan
DOB:	13/10/1988	Message:	Nil
Address:	110 Robsons St KEIRAVILLE 2500		
Ordered by:	Dr Yasmin Tan on 20/04/2022		
Copy to:	Ms Alexandra Middleton Dr Thu Ly Dr Sally Lyttleton		
Collected:	07/05/2022 - 8:51 AM	Notified by:	on 00/00/0000
Reported:	07/05/2022	Message:	

Day 2/3 of cycle. Infertility.

Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Testosterone	1.0	0.9	nmol/L	(0.2-1.8)
SHBG	128 H	113	nmol/L	(16-120)
DHEAS	4.4	3.4	umol/L	(2.0-11.0)
FT calc	7		pmol/L	(1-34)

DHEAS High dose Biotin (5mg/day) may interfere with these tests.

Comments on Collection 07/05/22 0851 F:

SHBG

Consistent with administration of synthetic oestrogens (Levels are also increased during pregnancy).

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: INFO Hormone,BMI,LIVER FUNCTION TESTS,RENAL FUNCTION,
ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
INSULIN,DHEAS,SHBG,FULL BLOOD COUNT,ESR

Tests Pending : 17OH PROGESTERONE,AMH ROCHE PLUS

Sample Pending :

2760 - Reference No: 488452247 Status: F

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HORMONES

Date	27/01/22	03/02/22	07/05/22		
Time F-Fast	1657	0857 F	0851 F		
Lab Id.	487961802	488128896	488452247	Units	Reference
FSH		16.1	13.0	IU/L	
LH		5.6	5.2	IU/L	
Oestradiol		<88		pmol/L	
Progesterone	40.0	<1.6		nmol/L	

Comments on Collection 07/05/22 0851 F:

Reference	FSH	LH	Oestradiol	Progesterone
Limits	IU/L	IU/L	IU/L	IU/L
Follicular	2 - 10	2 - 12	77 - 922	0.3 - 1.0
Mid-cycle	6 - 25	8 - 89	139 - 2382	
Luteal	1 - 10	0.6 - 14	77 - 1145	3.8 - 50.0
Post menopausal	20 - 140	5 - 62	<103	0.3 - 0.6
Oral contraceptive	<5			

Note: On 19/7/2021 FSH and LH method changed to Abbott.

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

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INSULIN,SHBG,FULL BLOOD COUNT,ESR

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IRON

Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Iron	15.2	17.4	umol/L	(8.8-27.0)
Transferrin	2.0	2.0	g/L	(2.0-3.6)
Trans Sat	33	38	%	(10-45)
Ferritin	101	105	ug/L	(30-160)

Ferritin N.B Ferritin range change 28/04/17

Supervising Pathologist:SM

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Routine biochemistry

Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Fast. Glucose	4.5	4.5	mmol/L	(3.6-6.0)
Sodium	140	142	mmol/L	(135-145)
Potassium	4.1	4.1	mmol/L	(3.5-5.5)
Chloride	104	105	mmol/L	(95-110)
Bicarbonate	28	27	mmol/L	(20-32)
Urea	3.1	3.2	mmol/L	(2.5-7.0)
Creat.	69	73	umol/L	(45-85)
eGFR(CKD.EPI)	>90	>90	mL/min/1.73m2	(>89)
Total Protein	75	70	g/L	(64-81)
Albumin	47 H	42	g/L	(33-46)
Globulin	28	28	g/L	(26-41)
ALP	49	46	U/L	(20-105)
GGT	17	12	U/L	(5-35)
ALT	8	12	U/L	(5-30)
AST	14	14	U/L	(10-35)
LDH	171	152	U/L	(120-250)
T Bilirubin	11	10	umol/L	(3-15)

Comments on Collection 07/05/22 0851 F:
Renal Function
Note: eGFR units are mL/min/1.73m2.

Supervising Pathologist:SM

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ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
INSULIN,SHBG,FULL BLOOD COUNT,ESR

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Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Prolactin	165	189	mIU/L	(<480)

Prolactin On 19/7/21 Prolactin method changed to Abbott.

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

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ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
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Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Insulin (Abbott)	2.5	2.6	mU/L	(0-20)

Insulin On 19/7/21 Insulin method changed to Abbott.

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

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ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
INSULIN,SHBG,FULL BLOOD COUNT,ESR

Tests Pending : DHEAS,17OH PROGESTERONE,AMH ROCHE PLUS

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Day 2/3 of cycle. Infertility.

TFT

Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
TSH	1.0	1.0	mIU/L	(0.40-3.50)
Free T4	12.4	13.5	pmol/L	(9.0-19.0)
Free T3	3.8		pmol/L	(2.6-6.0)
Anti-TPO (Abbott)	<3.0		IU/mL	(<5.6)
Anti-Tg (Abbott)	<3.0		IU/mL	(<4.1)

Comments on Collection 07/05/22 0851 F:
TF FT4
Euthyroid levels.

As of 19.07.2021, TFT measurement changed from the Roche to the Abbott Alinity method.

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: INFO Hormone,BMI,LIVER FUNCTION TESTS,RENAL FUNCTION,
ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
INSULIN,SHBG,FULL BLOOD COUNT,ESR

Tests Pending : DHEAS,17OH PROGESTERONE,AMH ROCHE PLUS

Sample Pending :

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Day 2/3 of cycle. Infertility.

Date	07/05/22		
Time F-Fast	0851 F		
Lab Id.	488452247	Units	Reference
Status	Fasting		
Cholesterol	4.42	mmol/L	(2.30-5.50)
Triglyceride	0.39	mmol/L	(0.00-2.00)
HDL	1.78	mmol/L	(1.00-3.00)
Chol/HDL Ratio	2.5	mmol/L	(0-4.5)
LDL	2.5	mmol/L	(0.0-3.50)
Non HDLC	2.64	mmol/L	(<4.00)

Comments on Collection 07/05/22 0851 F:

Lipids & HDL

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

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLc. Compared to other lipid parameters, increased non-HDLc is the most significant marker for subclinical atherosclerosis.
(ref: Cardiology Today 2013; 3(2): pp25-27).

Supervising Pathologist:SM

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ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
TFT FT4,FREE T4,LH,FSH,PROLACTIN,TESTOSTERONE,
INSULIN,SHBG,FULL BLOOD COUNT,ESR

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Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
ESR	4	9	mm/h	(1-15)

Comments on Collection 07/05/22 0851 F:

Please note: The ESR is a non-specific test and is not recommended for general screening. CRP is the most useful acute phase marker and is the preferred test for the diagnosis and monitoring of inflammation / infection.
ESRs are performed on EDTA.

Supervising Pathologist:SA/RR

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: INFO Hormone,BMI,FULL BLOOD COUNT,ESR

Tests Pending : LIVER FUNCTION TESTS,RENAL FUNCTION,ELECTROLYTES,
GLUCOSE,IRON STUDIES,Lipids & HDL,TFT FT4,FREE T4,LH,
FSH,PROLACTIN,TESTOSTERONE,INSULIN,DHEAS,SHBG,
17OH PROGESTERONE,AMH ROCHE PLUS

Sample Pending :

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Day 2/3 of cycle. Infertility.

Haematology

Date	03/02/22	07/05/22		
Time F-Fast	0857 F	0851 F		
Lab Id.	488128896	488452247	Units	Reference
Haemoglobin	148	136	g/L	(119-160)
RCC	4.8	4.5	10*12/L	(3.8-5.8)
Haematocrit	0.44	0.40		(0.35-0.48)
MCV	92	91	fL	(80-100)
MCH	31	31	pg	(27-32)
MCHC	335	337	g/L	(310-360)
RDW	13	13		(10-15)
WCC	6.6	5.0	10*9/L	(4.0-11.0)
Neutrophils	4.3	3.0	10*9/L	(2.0-7.5)
Lymphocytes	1.7	1.6	10*9/L	(1.0-4.0)
Monocytes	0.4	0.4	10*9/L	(0-1.0)
Eosinophils	0.1	<0.1	10*9/L	(0-0.5)
Basophils	<0.1	<0.1	10*9/L	(0-0.3)
Platelets	222	241	10*9/L	(150-450)

Supervising Pathologist:SA/RR

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: BMI,FULL BLOOD COUNT

Tests Pending : INFO Hormone,LIVER FUNCTION TESTS,RENAL FUNCTION,
ELECTROLYTES,GLUCOSE,IRON STUDIES,Lipids & HDL,
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Time F-Fast	0851 F		
Lab Id.	488452247	Units	Reference
Height	161	cm	
Weight	57	kg	
BMI	22.0	kg/m2	(18.5-24.9)

Comments on Collection 07/05/22 0851 F:

BMI
Normal Range (Ideal Weight).

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: BMI,FULL BLOOD COUNT

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