

Lab ID 881043469

DOB 23/10/1984 (37 Yrs MALE)

Referrer Dr Angela Mcphee

Your ref.

Address WESTMEAD SPEC MED CTR SUITE 206 LEVEL 2 151-155
HAWKESBURY ROAD
WESTMEAD NSW 2145

Address 29 MOUNT ST
GLENBROOK NSW 2773

Phone 0296351234

Phone 0439391774

Copy to Dr Magdalena Mironowicz (0247391555)

Requested 20/06/2022

Clinical Notes FERTILITY ASSESSMENT

Collected 24/06/2022 08:26

Received 24/06/2022 08:31

Reproductive Hormones (Abbott Method)

Test Name	Result	Units	Reference Interval
FSH	1.7	IU/L	1.0 - 12
LH	0.9	IU/L	0.6 - 12

NATA ACCREDITATION NO 2178

Reported on 24-06-2022 20:53

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Biochemistry

Test Name	Result	Units	Reference Interval
Status	Fasting		
Sodium	143	mmol/L	135 - 145
Potassium	4.5	mmol/L	3.5 - 5.5
Chloride	105	mmol/L	95 - 110
Bicarbonate	26	mmol/L	20 - 32
Urea	5.4	mmol/L	3.0 - 8.0
Creatinine	105	umol/L	60 - 110
eGFR	80	mL/min/1.73m2	>59
Total Bilirubin	10	umol/L	4 - 20
Alk Phos	67	U/L	35 - 110
Gamma GT	40	U/L	5 - 50
LDH	185	U/L	120 - 250
AST	31	U/L	10 - 40
● ALT	48 H	U/L	5 - 40
Total Protein	80	g/L	68 - 85
Albumin	48	g/L	39 - 50
Globulin	32	g/L	23 - 39

Comments

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

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Reported on 24-06-2022 11:39

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Iron Studies

Test Name	Result	Units	Reference Interval
Iron	20.0	umol/L	5.0 - 30.0
Transferrin	3.0	g/L	2.0 - 3.2
TIBC (Calculated)	66	umol/L	46 - 70
Saturation	30	%	10 - 45
Ferritin	128	ug/L	30 - 300

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Reported on 24-06-2022 21:00

Glucose

Test Name	Result	Units	Reference Interval
Glucose Fasting	5.0	mmol/L	3.6 - 6.0

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Reported on 24-06-2022 12:02

HIV Antigen and Antibody

HIV 1/2 Antigen and Antibody Negative

Comments

If serum was taken less than 3 months after exposure, this result may not exclude HIV-1/HIV-2 infection. Therefore another serum specimen should be tested after that time.

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Hepatitis B Serology

Hepatitis B Surface Ag Not Detected

Comments

Hepatitis B - Surface antigen not detected. No serological evidence of current hepatitis B infection (acute or chronic).

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Reported on 24-06-2022 21:00

Hepatitis C Serology

Hepatitis C Ab (Abbott) Not Detected

Comments

Hepatitis C - No evidence of infection with Hepatitis C. Seroconversion is sometimes delayed and repeat testing up to 6 months post-exposure may be necessary to exclude infection.

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Reported on 24-06-2022 21:00

Androgens

Testosterone	8.0 L	nmol/L	9.5 - 28.0
SHBG	23	nmol/L	15 - 50
Free Androgen Index	34.8	%	15 - 100
Calculated Free Testosterone	175	pmol/L	170 - 670

Comments

For androgen assessment in males, free testosterone calculated using the Vermeulen equation is preferred to direct measurement and also overcomes the limitations that may be associated with the Free Androgen Index (FAI).

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Reported on 25-06-2022 02:46

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Haemoglobin A1c

Test Name	Result	Units	Reference Interval
HbA1c (IFCC)	38	mmol/mol	20 - 38
HbA1c (NGSP)	5.6	%	4.0 - 5.6

Comments

HbA1c less than 48 mmol/mol (6.5%) does not exclude a diagnosis of diabetes mellitus based upon elevated glucose results. The existing diagnostic criteria for fasting and random glucose levels and for oral glucose tolerance testing remain valid, and are the diagnostic tests of choice for type 1 diabetes and in the presence of conditions that interfere with HbA1c measurement. Conditions which may affect the measured HbA1c value include any of the haemolytic anaemias, anaemia of chronic disease, severe liver disease, vitamin B12 and/or folate deficiency, the haemoglobinopathies and regular phlebotomy performed for medical indications or for blood donation. It also should be noted that further investigation is required for any inexplicably low HbA1c level or significant discrepancy between HbA1c and glucose results.

Please note that of 19/08/2021, HbA1c measurement changed from the Biorad D-100 to the Sebia Capillarys 3 method.

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Haematology

Test Name	Result	Units	Reference Interval
Haemoglobin	144	g/L	130 - 180
Red cell count	5.2	$\times 10^{12}/L$	4.5 - 6.5
Haematocrit	0.44		0.39 - 0.54
MCV	85	fL	80 - 100
MCH	27.6	pg	27.0 - 32.0
MCHC	327	g/L	310 - 360
RDW	13.9		10.0 - 15.0
White cell count	6.0	$\times 10^9/L$	4.0 - 11.0
Neutrophils	2.87	$\times 10^9/L$	2.0 - 7.5
Lymphocytes	2.47	$\times 10^9/L$	1.0 - 4.0
Monocytes	0.48	$\times 10^9/L$	0.0 - 1.0
Eosinophils	0.11	$\times 10^9/L$	0.0 - 0.5
Basophils	0.06	$\times 10^9/L$	0.0 - 0.3
NRBC	<1.0	/100 WBC	<1
Platelets	369	$\times 10^9/L$	150 - 450

Comments

Full blood count is within reference limits

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Reported on 24-06-2022 10:29