

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-H- HAEM VIRTUAL
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: Haematology
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 04/12/2024 20:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Haematology

Haemoglobin	139	g/L	(119 - 160)
Red cell count	4.4	x10 ¹² /L	(3.8 - 5.8)
Haematocrit	0.42		(0.35 - 0.48)
MCV	94	fL	(80 - 100)
MCH	31.4	pg	(27.0 - 32.0)
MCHC	333	g/L	(310 - 360)
RDW	11.9		(10.0 - 15.0)
White cell count	5.8	x10 ⁹ /L	(4.0 - 11.0)
Neutrophils	2.84	x10 ⁹ /L	(2.0 - 7.5)
Lymphocytes	2.42	x10 ⁹ /L	(1.0 - 4.0)
Monocytes	0.35	x10 ⁹ /L	(0.0 - 1.0)
Eosinophils	0.14	x10 ⁹ /L	(0.0 - 0.5)
Basophils	0.04	x10 ⁹ /L	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	219	x10 ⁹ /L	(150 - 450)

Comment on Lab ID 891220161

Full blood count is within reference limits

Tests Completed: FBC(e)
Tests Pending : B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
Zn(s), TSH(s), HbA1c Diag(e)
Sample Pending :

PARSONS, CAYLEIGH
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Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-C-GHB
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: HbA1c
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 04/12/2024 22:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Haemoglobin A1c

HbA1c (IFCC)	28	mmol/mol	(20 - 38)
HbA1c (NGSP)	4.7	%	(4.0 - 5.6)

Comment on Lab ID 891220161

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 gestational diabetes, 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.

Tests Completed: HbA1c Diag(e), FBC(e)

Tests Pending : B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
Zn(s), TSH(s)

Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-C-Iron Studies
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: Iron Studies

Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 05/12/2024 02:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Iron Studies

Iron	23.8	umol/L	(5.0 - 30.0)
Transferrin	2.3	g/L	(2.0 - 3.6)
TIBC (Calculated)	52	umol/L	(46 - 77)
Saturation	H 46	%	(10 - 45)
Ferritin	66	ug/L	(15 - 200)

Comment on Lab ID 891220161

? History of iron therapy. Recommend follow up iron studies.

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)

Tests Pending : Zn(s)

Sample Pending :

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111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-C-HDL
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: Lipids HDL(s)
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 05/12/2024 02:28
Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Lipids and HDL

Status	Random			
Cholesterol	4.9	mmol/L	(<5.5)
Triglycerides	1.3	mmol/L	(<2.0)
HDL Cholesterol	1.4	mmol/L	(>1.2)
LDL Cholesterol	2.9	mmol/L	(<3.0)
Non-HDL Cholesterol	3.5	mmol/L	(<4.0)

Comment on Lab ID 891220161

Please note that the above reference limits are decision limits.
A flag based on these limits is an indication to review the absolute cardiovascular risk for the patient. For assessment of absolute cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Consensus Statement 2016 and the Australasian Association of Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 mmol/L
HDL cholesterol	>1.0 mmol/L
LDL cholesterol	<2.5 mmol/L (<1.8 mmol/L for very high risk)
Non-HDL cholesterol	<3.3 mmol/L (<2.5 mmol/L for very high risk)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for any measured lipid components moving towards and beyond the various target levels.

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)
Tests Pending : Zn(s)
Sample Pending :

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Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-C-VITD
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: Vit D(s)
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 05/12/2024 02:28
Clinical notes: check up dysmenorrhoea

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25-OH Vitamin D

Vitamin D 56 nmol/L (50 - 140)

Comment on Lab ID 891220161

Consistent with Vitamin D adequacy.
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):686-687, 2012, Vitamin D status is defined as:

Mild Deficiency	30	-	49 nmol/L
Moderate Deficiency	12.5	-	29 nmol/L
Severe Deficiency	<12.5		nmol/L

Vitamin D adequacy can be defined as a level >49 nmol/L at the end of winter - the level may need to be 10 - 20 nmol/L higher at the end of summer, to allow for seasonal decrease.
From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)

Tests Pending : Zn(s)

Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 Sex: F Medicare Number: 2354742692
Your Reference: D58471F243 Lab Reference: 891220161-E-Thyroid Function
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK Referred by: DR REBECCA BLACK

Name of Test: Thyroid Function
Requested: 04/12/2024 Collected: 04/12/2024 Reported: 05/12/2024 02:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Thyroid Function

TSH 2.53 mIU/L (0.40 - 3.50)

Comment on Lab ID 891220161

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)

Tests Pending : Zn(s)

Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 Sex: F Medicare Number: 2354742692

Your Reference: D58471F243 **Lab Reference:** 891220161-E-Vitamin B12/Folate
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: B12/Folate/RCF
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 05/12/2024 02:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Vitamin B12 and Folate

Vitamin B12	538	pmol/L	(135 - 650)
Serum Folate	26.5	nmol/L	(>7.0)

Comment on Lab ID 891220161

From 27 November 2023, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 400 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)

Tests Pending : Zn(s)

Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 **Sex:** F **Medicare Number:** 2354742692
Your Reference: D58471F243 **Lab Reference:** 891220161-C-Biochemistry
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK **Referred by:** DR REBECCA BLACK

Name of Test: Biochemistry
Requested: 04/12/2024 **Collected:** 04/12/2024 **Reported:** 05/12/2024 02:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Biochemistry

Status	Random		
Sodium	140	mmol/L	(135 - 145)
Potassium	3.7	mmol/L	(3.5 - 5.5)
Chloride	108	mmol/L	(95 - 110)
Bicarbonate	24	mmol/L	(20 - 32)
Urea	5.2	mmol/L	(2.5 - 6.5)
Creatinine	H 100	umol/L	(45 - 85)
eGFR	68	mL/min/1.73m2	(>59)
Calcium	2.50	mmol/L	(2.15 - 2.55)
Corrected Calcium	2.42	mmol/L	(2.15 - 2.55)
Magnesium	0.75	mmol/L	(0.65 - 1.00)
Phosphate	1.12	mmol/L	(0.8 - 1.5)
Total Bilirubin	9	umol/L	(3 - 15)
Alk Phos	52	U/L	(20 - 105)
Gamma GT	12	U/L	(5 - 35)
LDH	193	U/L	(120 - 250)
AST	19	U/L	(10 - 35)
ALT	21	U/L	(5 - 30)
Total Protein	77	g/L	(68 - 85)

Albumin	47	g/L	(37 - 48)
Globulin	30	g/L	(23 - 39)
Cholesterol	4.9	mmol/L	(<5.5)
Triglycerides	1.3	mmol/L	(<2.0)

Comment on Lab ID 891220161

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

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)
Tests Pending : Zn(s)
Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 Sex: F Medicare Number: 2354742692
Your Reference: D58471F243 Lab Reference: 891220161-C- _Glucose
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK Referred by: DR REBECCA BLACK

Name of Test: _Glucose
Requested: 04/12/2024 Collected: 04/12/2024 Reported: 05/12/2024 02:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Glucose

Glucose Random	4.1	mmol/L	(3.6 - 7.7)
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Comment on Lab ID 891220161

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
TSH(s), HbA1c Diag(e), FBC(e)
Tests Pending : Zn(s)
Sample Pending :

PARSONS, CAYLEIGH
111 THE RIDGEWAY, LISAROW. 2250
Phone: 0498137795
Birthdate: 22/10/1999 Sex: F Medicare Number: 2354742692
Your Reference: D58471F243 Lab Reference: 891220161-C-C731
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR REBECCA BLACK Referred by: DR REBECCA BLACK

Name of Test: Metals, Blood
Requested: 04/12/2024 Collected: 04/12/2024 Reported: 06/12/2024 12:28

Clinical notes: check up dysmenorrhoea

Clinical Notes : check up dysmenorrhoea

Heavy Metals

Serum Zinc 11 umol/L (10 - 18)

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Iron(s), Lipids HDL(s), Ca(s), Mg(s), Vit D(s),
Zn(s), TSH(s), HbA1c Diag(e), FBC(e)

Tests Pending :

Sample Pending :

PARSONS, CAYLEIGH

Birthdate: 22/10/1999 Sex: F Medicare Number: 23547426924

Your Reference: 953207 Lab Reference: 953207

Laboratory: Lifeimags

Addressee: DR REBECCA BLACK Referred by: DR REBECCA BLACK

Name of Test: US DOPPLER PELVIS

Requested: 04/12/2024 Collected: 20/01/2025 Reported: 23/01/2025 02:18



LIFE MEDICAL IMAGING
CENTRAL COAST

This report is for: Dr R. Black

CAYLEIGH PARSONS

DOB: 22/10/1999

111 THE RIDGEWAY

LISAROW, 2250

Referred By:

Dr R. Black

US PELVIS 20/01/2025 Reference: 953207

ULTRASOUND PELVIS

Clinical Details

Dysmenorrhoea.

Technique

Transabdominal pelvic ultrasound was obtained.

Comparison Study

Nil.

Findings

The patient reports a regular menstrual cycle with an LMP of 3 weeks ago.

The uterus is anteverted. It is normal in size measuring 7.2 x 3.6 x 4.7cm (65cc). It has a smooth contour and homogeneous myometrial echotexture. No focal myometrial lesion identified. There are dilated myometrial veins measuring up to 7mm in diameter.

The combined endometrial thickness is 7mm. No focal endometrial lesion identified. No abnormal endometrial vascularity.

The right ovary is enlarged measuring 4.0 x 2.6 x 3.6cm (19cc). It is enlarged due to a unilocular anechoic cystic structure measuring 3.1 x 2.3 x 2.6cm (mean diameter 2.7cm), consistent with a simple follicular cyst.

The left ovary is normal in size measuring 2.3 x 1.9 x 2.8cm (6cc). It contains 4 antral follicles, each measuring less than 10mm in size.

There are dilated bilateral adnexal vessels raising suspicion for pelvic congestion.

No free fluid within the pouch of Douglas.

Conclusion

1. Dilated myometrial and bilateral adnexal vessels suggestive of pelvic congestion. Clinical correlation is recommended.
2. No endometrial thickening or focal endometrial lesion identified.

Typist: cl/ams

Radiologist: Dr N. Fennessey

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If you cannot click on the link, simply copy and paste the URL into your web browser.