



LAB ID 848005410 DOB 11/09/1986 (34Y Female)

Referring Doctor Dr Penelope Adams

Your ref. 848005410

Address 3/53 Lauderdale Ave  
FAIRLIGHT NSW 2094

Phone 0452 610 986

Dr Penelope Adams  
The Mosman Practice  
393 Military Road  
MOSMAN NSW 2088

A2635  
NSR/NSR/NSR/MSM/---

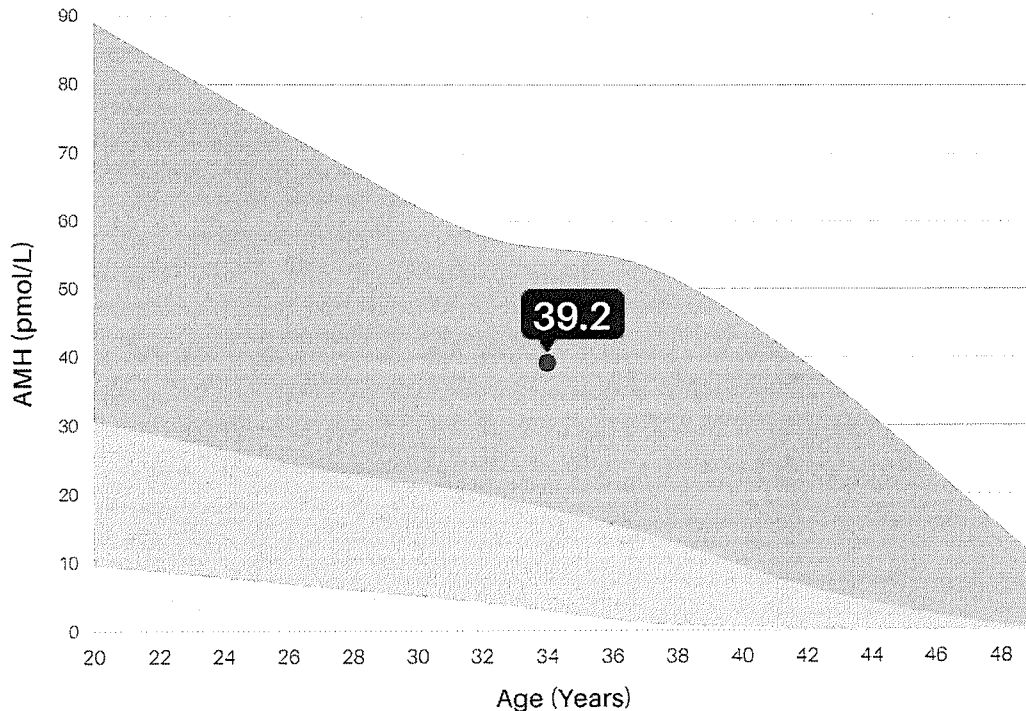
Copy to Ms Imogen Harper

Requested 15 Oct 2020  
Collected 27 Jan 2021 07:53 am  
Received 27 Jan 2021 07:54 am  
Reported 01 Feb 2021 11:10 am

## Anti-Mullerian Hormone (AMH)

Marker of Ovarian Follicle Reserve

Collected	Test	Result	Units
27 Jan 2021 07:53 am	AMH	39.2	pmol/L



Assay used: Anti Mullerian H Shp

Specimen collected: Serum

REFERENCE: < 2.5th percentile 2.5th-50th percentile 50th-97.5th percentile > 97.5th percentile

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759346484 Lab Reference: 848005409-E-H246  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: B12/Folate/RCF  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 27/01/2021  
13:59

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

VIT B12 & FOLATE  
Date 27/01/21 06/12/19 02/04/19 21/02/18  
Time 07:50 08:50 09:10  
Lab ID 848005409 Units Reference 842238600 294545301  
244064203

VitB12	172	pmol/L	(135-650)	162	343
S.Fol (Abbott)		nmol/L	(>7.0)	25.4	18.4

Comments on Collection 27/01/21 0750 F:  
From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Iron(s),TFT(s),Thyroid Abs(s)  
Tests Pending : Active B12(s)  
Sample Pending :

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759346484 Lab Reference: 848005409-C-C151  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: Iron Studies  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 27/01/2021  
13:59

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

IRON  
Date 27/01/21 06/12/19 24/01/19 21/02/18  
Time 07:50 08:50 07:35  
Lab ID 848005409 Units Reference 842238600 295861772  
244064203

Iron	14.3	umol/L	(5.0-30.0)	29.4	15.3
Transferrin	2.3	g/L	(2.0-3.6)	2.4	3.0
TIBC (calculate	52	umol/L	(46-77)	54	66
Saturation	28	%	(10-45)	H 54	23
Ferritin	37	ug/L	(15-200)	39	26

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Iron(s), TFT(s), Thyroid Abs(s)  
Tests Pending : Active B12(s)  
Sample Pending :

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759346484 Lab Reference: 848005409-E-E031  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: Thyroid Function  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 27/01/2021  
13:59

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

TFT					
Date	27/01/21		06/12/19	06/12/19	24/01/19
Time	07:50		08:52	08:50	07:35
Lab ID	848005409	Units	Reference	842238649	842238600
295861772					
TSH	0.92	mIU/L	(0.40-3.50)	1.88	1.96
Free T4		pmol/L	(9.0-19.0)	15.0	13.8
Free T3		pmol/L	(2.6-6.0)	4.7	4.0

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Iron(s),TFT(s),Thyroid Abs(s)  
Tests Pending : Active B12(s)  
Sample Pending :

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759346484 Lab Reference: 848005409-C-E613  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: Thyroid Abs  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 27/01/2021  
13:59

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

**THYROID ANTIBODIES**

Date	27/01/21		06/12/19	21/02/18
Time	07:50		08:50	
Lab ID	848005409	Units	Reference	842238600 244064203

Anti-Tg (Abbott)	10.4	IU/mL	(<4.1)	H 13.5	H 42.2
Anti-TPO (Abbot)	1.2	IU/mL	(<5.6)	2.2	0.6

Comments on Collection 27/01/21 0750 F:  
Elevated thyroglobulin antibodies can occur in Hashimoto's disease, other thyroid disorders as well as in clinically normal persons.

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Iron(s), TFT(s), Thyroid Abs(s)  
Tests Pending : Active B12(s)  
Sample Pending :

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759346484 Lab Reference: 848005409-C-E348  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: Active B12(s)  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 27/01/2021  
14:22

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Date	27/01/21		06/12/19	02/04/19
Time	07:50		08:50	09:10
Lab ID	848005409	Units	Reference	842238600 294545301

Active B12	84	pmol/L	(>35)	102	99
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Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Iron(s),TFT(s), Active B12(s),Thyroid Abs(s)  
Tests Pending :  
Sample Pending :

HARPER, IMOGEN  
3/53 LAUDERDALE AVE, FAIRLIGHT. 2094  
Phone: 0452610986  
Birthdate: 11/09/1986 Sex: F Medicare Number: 2735275983  
Your Reference: 759345976 Lab Reference: 848005410-R-E823  
Laboratory: dhm  
Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS  
Copy to:  
IMOGEN HARPER

Name of Test: AMH  
Requested: 15/10/2020 Collected: 27/01/2021 Reported: 01/02/2021  
11:22

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

**Anti-Mullerian Hormone (AMH)**

Anti-Mullerian Hormone (Roche Plus) 39.2 pmol/L ( 4.1 - 58.0 )

Comment on Lab ID 848005410

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 on high dose biotin (>5 mg/day) please contact the laboratory on 07 3377 8530.

Please note change in test method from 10/9/2018 from Beckman Access to Roche AMH Plus, with results now approximately 20% lower. Analytical results and percentile cutoffs may not be directly comparable between these methods. For further information please contact Drs Price or Kanowski on 07 3377 8670.

Reported by Sullivan and Nicolaides Pathology, a member of the Sonic Healthcare Group.

To access a PDF version of the report, copy and paste the URL below into your browser  
before 01-02-2022. Use PIN 0576.

<http://sdrviewer.apps.sonichealthcare.com/?GUID=FC3C2939-14AC-4244-94D4-DA0AD3E95F47&hostCode=DHM&shareType=1>

NATA Accreditation No 2178

Tests Completed: AMH(s)

Tests Pending :

Sample Pending :