



LAB ID 527214061 DOB 18/03/1988 (37Y Female)

Referring Doctor Dr Leila K Omera

Your ref. 12411

Address 1 Morelia Way
WOOMBAH NSW 2469

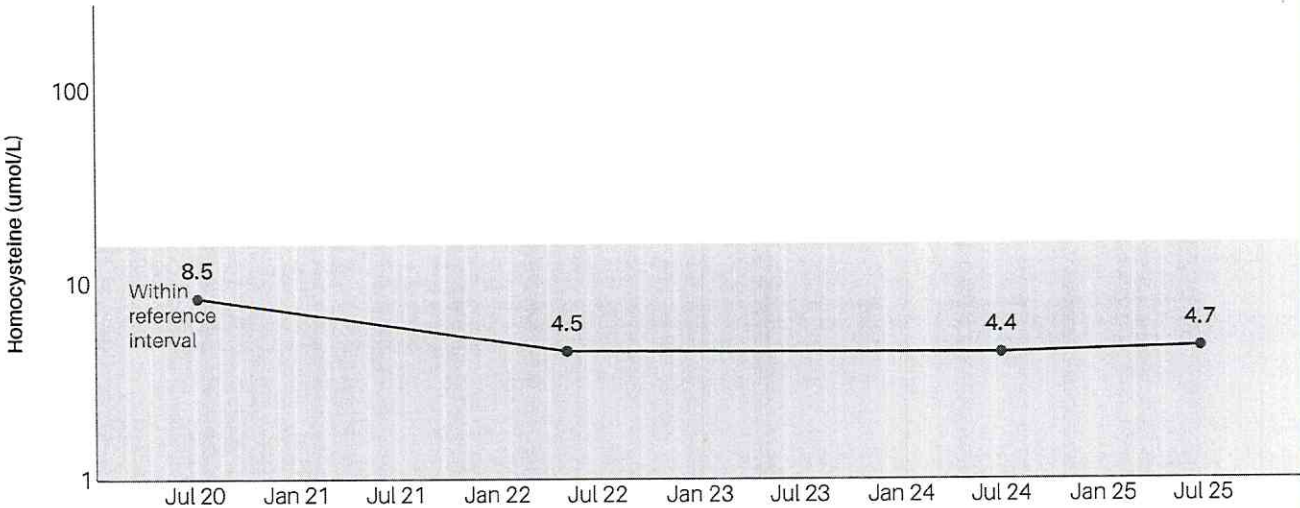
Phone 0433 872 949

Dr Leila K Omera
Kingscliff Doctors
Unit 1/2
22-24 Pearl St
KINGSCLIFF NSW 2487

O3910
64468

Requested 05 Jun 2025
Collected 27 Jun 2025 08:34 am
Received 27 Jun 2025 08:35 am
Reported 28 Jun 2025 00:33 am

Homocysteine



LEGEND

- Reference Interval (<15)
- Within reference interval
- Out of reference interval

MITCHELL, KARA
 1 MORELIA WAY, WOOMBAH. 2469
 Phone: 0433872949
 Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
 Your Reference: 4A34846CAE Lab Reference: 527214061-E-H245
 Laboratory: SNP
 Addressee: DR LEILA K OMER A Referred by: DR LEILA K OMER A

Name of Test: .ANAEMIA
 Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
 04:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematinics

	Latest Results				
Date	01-Jul-24	22-Oct-24	27-May-25	27-Jun-25	
Time F-Fast	0755 F	0826	0712 F	0834	
Lab Id.	525931402	687636195	527213557	527214061	Reference Units
Iron	15	26	19	(5-30)	umol/L
Transferrin	3.2 H	2.7	2.5	(1.9-3.1)	g/L
TIBC	80 H	67	64	(47-77)	umol/L
Trans Sat	19 L	39	30	(20-45)	%
Ferritin	109	91	91	(30-250)	ug/L
Vitamin B12	674		331	(>150)	pmol/L
Active B12			>128	(>35)	pmol/L
Folate serum				32 (>7.0)	nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Folate (Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin
 Tests Pending : Copper (Serum), Zinc, .CU STUDIES 2
 Sample Pending :

MITCHELL, KARA
 1 MORELIA WAY, WOOMBAH. 2469
 Phone: 0433872949
 Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
 Your Reference: 4A34846CAE Lab Reference: 527214061-E-E199
 Laboratory: SNP
 Addressee: DR LEILA K OMERA Referred by: DR LEILA K OMERA

Name of Test: S- FERTILITY HORMONES
 Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
 04:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Reproductive Hormones

Date	21-Sep-23	01-Jul-24	18-Jun-25	27-Jun-25	Latest Results	
Time F-Fast	0833	0755 F	0908	0834		
Lab Id.	687629280	525931402	527213916	527214061	Reference	Units
FSH	7	23		7		IU/L
LH	2	3		2		IU/L
Oestradiol	434	329	635	264		pmol/L
Progesterone		<0.5	98			nmol/L
Reference Limits	FSH IU/L	LH IU/L	Oestradiol pmol/L			
Follicular	2 - 10	2 - 7	110 - 180			
Mid-Cycle	7 - 24	9 - 74	550 - 1650			
Luteal	1 - 10	1 - 9	180 - 840			
Menopausal	20 - 140	10 - 65	<200			
OCP	<5	<9	<80			

Comments on Collection 27-Jun-25 0834:
 Falsely elevated Abbott oestradiol levels may be seen in patients on
 fulvestrant, mifepristone or abemaciclib.

EA

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 1964

Tests Completed: Folate (Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin
 Tests Pending : Copper (Serum), Zinc, .CU STUDIES 2
 Sample Pending :

MITCHELL, KARA
1 MORELIA WAY, WOOMBAAH. 2469
Phone: 0433872949
Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
Your Reference: 4A34846CAE Lab Reference: 527214061-E-E310
Laboratory: SNP
Addressee: DR LEILA K OMERA Referred by: DR LEILA K OMERA

Name of Test: S-HOMOCYSTEINE
Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
04:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

	Latest Results					
Date	07-Jul-20	09-May-22	01-Jul-24	27-Jun-25		
Time F-Fast	1259	0751 F	0755 F	0834		
Lab Id.	653585864	665540276	525931402	527214061	Reference	Units
Homocysteine	8.5	4.5	4.4	4.7	(<15)	umol/L

Comments on Collection 27-Jun-25 0834:
Serum homocysteine levels are markedly elevated (50 - 500 umol/L) in homocystinuria which is associated with childhood onset of ocular lens displacement, skeletal abnormalities and arterial and venous thromboses. Moderate elevations of serum homocysteine (16 - 100 umol/L) are seen in folic acid, vitamin B12 and pyridoxine deficiencies, several genetic defects, and renal failure. Elevated levels of serum homocysteine are associated with increased risk of atherosclerosis and venous thromboembolism.

AC

PDF Image Enhanced Report

A PDF version of this report with images is available until 28-06-2026. Copy and paste the URL below into your web browser and use PIN 7888 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=D1447B4A-5384-11F0-A1DC-910523733610&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Folate (Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin
Tests Pending : Copper (Serum), Zinc, .CU STUDIES 2
Sample Pending :

MITCHELL, KARA
1 MORELIA WAY, WOOMBAAH. 2469
Phone: 0433872949
Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
Your Reference: 4A34846CAE Lab Reference: 527214061-I-I307
Laboratory: SNP
Addressee: DR LEILA K OMERA Referred by: DR LEILA K OMERA

Name of Test: S-CAERULOPLASMIN
Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
04:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Caeruloplasmin 0.24 (0.20 - 0.45) g/L

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Folate (Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin
Tests Pending : Copper (Serum), Zinc, .CU STUDIES 2
Sample Pending :

MITCHELL, KARA
1 MORELIA WAY, WOOMBAH. 2469
Phone: 0433872949
Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
Your Reference: 4A34846CAE Lab Reference: 527214061-C-B099
Laboratory: SNP
Addressee: DR LEILA K OMER A Referred by: DR LEILA K OMER A

Name of Test: ZINC VIRTUAL
Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
13:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Zinc

				Latest Results		
Date	25-Mar-21	09-May-22	01-Sep-22	27-Jun-25		
Time F-Fast	1038	0751 F	0722 F	0834		
Lab Id.	433753019	665540276	669067624	527214061	Reference	Units
Zinc-plasma		12.2	13.7	13.7	(9.0-19.0)	umol/L
Date Begin	21/03/2021					
Date Finish	22/03/2021					

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: Zinc, Folate
(Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin
Tests Pending : Copper (Serum), .CU STUDIES 2
Sample Pending :

MITCHELL, KARA
1 MORELIA WAY, WOOMBAAH. 2469
Phone: 0433872949
Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
Your Reference: 4A34846CAE Lab Reference: 527214061-C-B091
Laboratory: SNP
Addressee: DR LEILA K OMER A Referred by: DR LEILA K OMER A

Name of Test: COPPER VIRTUAL
Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
14:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Copper

Date	22-Mar-21	25-Mar-21	27-Jun-25	Latest Results	
Time	1046	1038	0834		
Lab Id.	433562713	433753019	527214061	Reference	Units
Copper-serum			15.8	(13.0-25.0)	umol/L
Copper-plasma			14.3	(13.0-25.0)	umol/L
Date Begin	21/03/2021	21/03/2021			
Date Finish	22/03/2021	22/03/2021			

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Zinc, .CU STUDIES 2, Folate (Serum), LH,
FSH, Oestradiol, Homocysteine, Caeruloplasmin
Tests Pending :
Sample Pending :

MITCHELL, KARA
1 MORELIA WAY, WOOMBAH. 2469
Phone: 0433872949
Birthdate: 18/03/1988 Sex: F Medicare Number: 6203415837
Your Reference: 4A34846CAE Lab Reference: 527214061-C-C787
Laboratory: SNP
Addressee: DR LEILA K OMERA Referred by: DR LEILA K OMERA

Name of Test: .CU STUDIES 2
Requested: 05/06/2025 Collected: 27/06/2025 Reported: 28/06/2025
14:30

Clinical notes: Not Provided

Clinical Notes : Not Provided

Free Copper

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Copper-serum 15.8 (13.0 - 25.0) umol/L
Caeruloplasmin 0.24 (0.20 - 0.45) g/L
Caeruloplasmin 1.8 (1.5 - 3.4) umol/L
Copper/Caeruloplasmin 8.8 (7 - 10) mol/mol

Comments on Lab Id: 527214061

A normal serum copper to caeruloplasmin ratio makes Wilsons disease unlikely.

LJ

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Tests Completed: Copper (Serum), Zinc, .CU STUDIES 2, Folate (Serum), LH, FSH, Oestradiol, Homocysteine, Caeruloplasmin

Tests Pending :

Sample Pending :