

Results

TAN (BLOOD GROUP AND SCREEN)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am GROUP and ANTIBODY SCREEN Patient Blood Group : AB Rh(D) POSITIVE Current Antibody Screen : No atypical antibodies detected TCG-N HCY-R UC-R PFS-R UMC-R OHD-R TSH-R TAN-C TMV-N B12-R F All tests on this request have now been completed	
Antibody Screen		No atypical antibodies detected	N
ABO		AB	N
Rh(D)		Rh(D) POSITIVE	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)

Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124

DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: BLOOD GROUP AND SCREEN

Collected Date: 13/08/2025 08:33 AM

Reported Date: 14/08/2025 12:27 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS

Laboratory Order Number: 25-33457649-TAN-0

Results

* UMC (URINE MICRO/CULTURE)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am MICROBIOLOGY SPECIMEN: Urine CHEMISTRY pH: 7.5 Protein: Nil Glucose: Nil Blood: Trace Ketones: Nil MICROSCOPY * Leucocytes 11 x 10 ⁶ /L (< 10) Erythrocytes < 10 x 10 ⁶ /L (< 10) Epithelial Cells + CULTURE No growth. HCY-R UC-C PFS-R UMC-C OHD-R TSH-R TAN-W TMV-W B12-R FBE-R I This request has other tests in progress at the time of reporting	
URINE MICRO SITE		Urine	N
pH	4.5 - 8.0	7.5	N
Protein		Nil	N
Glucose		Nil	N
Blood		Trace	N
URINE MICRO LEUCOCYTES	< 10	11	H
URINE MICRO ERYTHROCYTES	< 10	< 10	N
URINE MICRO EPITHELIAL		+	A
Ketones		Nil	N
Culture Comment		No growth.	N

Patient Details:

Patient Name:

SUMAR NARMEEN (Female)

Address:

2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124

DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: URINE MICRO/CULTURE

Collected Date: 13/08/2025 08:33 AM

Reported Date: 14/08/2025 07:50 AM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS

Laboratory Order Number: 25-33457649-UMC-0

Results

BFM (B12, FOLATE (SERUM/RBC))

Observation	Range	Values	Units																
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am BIOCHEMISTRY B12 METABOLIC PATHWAY SPECIMEN: SERUM/BLOOD Date: 01/06/23 13/08/25 Time: 08:42 08:33 Lab Number: 78666290 33457649 Vitamin B12 185 313 pmol/L Active B12 44 (> 30) pmol/L Folate 29.7 nmol/L Homocysteine 7.3 (5.0 - 15.0) umol/L 33457649 Normal B12 result. A B12 level within the reference range does not rule out B12 deficiency. A homocysteine test has been added to provide further information. Normal homocysteine level. <table> <tr> <th>RANGES</th><th>B12</th><th>Serum Folate</th><th>Red Cell Folate</th></tr> <tr> <td>Normal</td><td>> 180</td><td>> 10.0</td><td>> 450</td></tr> <tr> <td>Equivocal</td><td>150 - 180</td><td>5.0 - 10.0</td><td>350 - 450</td></tr> <tr> <td>Deficient</td><td>< 150</td><td>< 5.0</td><td>< 350</td></tr> </table> Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica. HCY-C PFS-R UMC-W OHD-R TSH-R TAN-W TMV-W B12-C FBE-R IS-R V This request has other tests in progress at the time of reporting	RANGES	B12	Serum Folate	Red Cell Folate	Normal	> 180	> 10.0	> 450	Equivocal	150 - 180	5.0 - 10.0	350 - 450	Deficient	< 150	< 5.0	< 350	
RANGES	B12	Serum Folate	Red Cell Folate																
Normal	> 180	> 10.0	> 450																
Equivocal	150 - 180	5.0 - 10.0	350 - 450																
Deficient	< 150	< 5.0	< 350																
Vitamin B12		313	N																
Comment:		Normal B12 result. A B12 level within the reference range does not rule out B12 deficiency. A homocysteine test has been added to provide further information. Normal homocysteine level.	N																
Homocysteine	5.0 - 15.0	7.3	N																
REF RANGE		<table> <tr> <th>RANGES</th><th>B12</th><th>Serum Folate</th><th>Red Cell Folate</th></tr> <tr> <td>Normal</td><td>> 180</td><td>> 10.0</td><td>> 450</td></tr> <tr> <td>Equivocal</td><td>150 - 180</td><td>5.0 - 10.0</td><td>350 - 450</td></tr> <tr> <td>Deficient</td><td>< 150</td><td>< 5.0</td><td>< 350</td></tr> </table>	RANGES	B12	Serum Folate	Red Cell Folate	Normal	> 180	> 10.0	> 450	Equivocal	150 - 180	5.0 - 10.0	350 - 450	Deficient	< 150	< 5.0	< 350	N
RANGES	B12	Serum Folate	Red Cell Folate																
Normal	> 180	> 10.0	> 450																
Equivocal	150 - 180	5.0 - 10.0	350 - 450																
Deficient	< 150	< 5.0	< 350																
COMMENT		Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica.	N																

Patient Details:

Patient Name:

SUMAR NARMEEN (Female)

Address:

2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124

DOB:

31/08/1990

Investigation:

Universal Service Identifier Text: B12, FOLATE (SERUM/RBC)

Collected Date: 13/08/2025 08:33 AM

Reported Date: 13/08/2025 03:19 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS

Laboratory Order Number: 25-33457649-BFM-0

Results

VZM (VARICELLA ZOSTER MASTER)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am SEROLOGY VIRAL ANTIBODIES Varicella Zoster IgG Positive Comment: Serological evidence of past exposure to Varicella zoster virus either through natural infection or immunisation (immune). If recent infection is suspected, IgM antibody testing may be indicated. In symptomatic patients a swab from the lesion for PCR testing is preferred. HCY-w PFS-R UMC-W OHD-C TSH-C TAN-W TMV-W B12-w FBE-R IS-C V This request has other tests in progress at the time of reporting	
Varicella zoster Antibody IgG		Positive	N
Comment:		Comment: Serological evidence of past exposure to Varicella zoster virus either through natural infection or immunisation (immune). If recent infection is suspected, IgM antibody testing may be indicated. In symptomatic patients a swab from the lesion for PCR testing is preferred.	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)
Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124
DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: VARICELLA ZOSTER MASTER
Collected Date: 13/08/2025 08:33 AM
Reported Date: 13/08/2025 02:49 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS
Laboratory Order Number: 25-33457649-VZM-0

Results

ISM (IRON MASTER)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am BIOCHEMISTRY IRON STUDIES SPECIMEN: SERUM Date:01/06/2313/08/25 Lab Number:7866629033457649 ----- ----- Iron17.016.7(10.0 - 30.0) umol/L Transferrin2.772.80(2.10 - 3.80) g/L Saturation2524(15 - 45)% Ferritin3952(30 - 200) ug/L 33457649 Iron studies are within normal limits. HCY-w PFS-R UMC-W OHD-C TSH-C TAN-W TMV-W B12-w FBE-R IS-C V This request has other tests in progress at the time of reporting	
Iron	10.0 - 30.0	16.7	N
Ferritin	30 - 200	52	N
Iron Comment:		Iron studies are within normal limits.	N
Iron Saturation	15 - 45	24	N
Transferrin (quant)	2.10 - 3.80	2.80	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)

Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124

DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: IRON MASTER

Collected Date: 13/08/2025 08:33 AM

Reported Date: 13/08/2025 02:46 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS

Laboratory Order Number: 25-33457649-ISM-0

Results

* TSH (THYROID STIMULATING HORM)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am ENDOCRINOLOGY THYROID FUNCTION TEST SERUM SPECIMEN: Date: 14/07/25 25/07/25 13/08/25 Coll. Time: 07:43 08:00 08:33 Lab Number: 35167005 34220824 33457649 ----- TSH 3.32 * 0.35 ** 0.14 (0.40 - 4.00) mIU/L 33457649 On thyroxine. For patients taking thyroxine, suggest monitoring with both TSH and FT4. HCY-w PFS-R UMC-W OHD-C TSH-C TAN-W TMV-W B12-w FBE-R IS-C V This request has other tests in progress at the time of reporting	
Thyroid Stimulating Hormone	0.40 - 4.00	0.14	L
Comment:		On thyroxine. For patients taking thyroxine, suggest monitoring with both TSH and FT4.	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)
Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124
DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: THYROID STIMULATING HORM
Collected Date: 13/08/2025 08:33 AM
Reported Date: 13/08/2025 02:46 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS
Laboratory Order Number: 25-33457649-TSH-0

Results

OHD (VITAMIN D)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am ENDOCRINOLOGY VITAMIN D 25-hydroxy Vitamin D SPECIMEN: SERUM Date Req. No. ----- 13/08/25 33457649 86 (50 - 200) nmol/L 33457649 Within normal limits. Interpretation: Vitamin D deficiency <50 nmol/L Severe deficiency <20 nmol/L COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer). Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012. HCY-W PFS-R UMC-W OHD-C TSH-C TAN-W TMV-W B12-W FBE-R IS-C V This request has other tests in progress at the time of reporting	
25-hydroxy Vitamin D		86	N
Comment:		Within normal limits.	N
INTERPRETATION		Interpretation: Vitamin D deficiency <50 nmol/L Severe deficiency <20 nmol/L COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer). Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)

Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124

DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: VITAMIN D

Collected Date: 13/08/2025 08:33 AM

Reported Date: 13/08/2025 02:46 PM

Other:

Laboratory:

Laboratory Order Number:

AUSTRALIAN CLINICAL LABS

25-33457649-OHD-0

Results

HAE (HAEMATOLOGY GENERAL)

Observation	Range	Values	Units
		CLINICAL NOTES: LD-thyroxin(regular basis),6:40am HAEMATOLOGY SPECIMEN: WHOLE BLOOD Date: 01/06/23 25/04/25 13/08/25 (#Refers to current Coll. Time: 08:42 17:40 08:33 result only) Lab Number: 78666290 32843049 #33457649 ----- HAEMOGLOBIN 139 140 128 (115 - 165) g/L RBC 5.31 5.35 4.72 (3.80 - 5.50)x10¹² /L HCT 0.43 0.42 0.38 (0.35 - 0.47) MCV 81 * 79 80 (80 - 99) fL MCH * 26.2 * 26 27.1 (27.0 - 34.0)pg MCHC 323 333 339 (310 - 360) g/L RDW 13.1 13.7 14.1 (11.0 - 15.0)% WCC 6.3 8.2 8.3 (4.0 - 11.0) x10⁹ /L Neutrophils 2.9 5.2 4.9 (2.0 - 8.0) x10⁹ /L Lymphocytes 2.5 2.0 2.5 (1.0 - 4.0) x10⁹ /L Monocytes 0.5 0.7 0.6 (< 1.1) x10⁹ /L Eosinophils 0.3 0.2 0.2 (< 0.7) x10⁹ /L Basophils < 0.1 < 0.1 < 0.1 (< 0.3) x10⁹ /L PLATELETS 255 233 221 (150 - 450) x10⁹ /L MPV 12.2 12.5 11.9 fL ESR 12 (< 21) mm/h #33457649 : Normal full blood count. PFS-R UMC-W OHD-W TSH-W TAN-W TMV-W B12-W FBE-C IS-W VVZ-W This request has other tests in progress at the time of reporting	
HAEMOGLOBIN	115 - 165	128	N
RCC	3.80 - 5.50	4.72	N
HCT	0.35 - 0.47	0.38	N
MCV	80 - 99	80	N
MCH	27.0 - 34.0	27.1	N
MCHC	310 - 360	339	N

Observation	Range	Values	Units
RDW	11.0 - 15.0	14.1	N
Platelets	150 - 450	221	N
White Cell Count	4.0 - 11.0	8.3	N
Neutrophils	2.0 - 8.0	4.9	N
Lymphocytes	1.0 - 4.0	2.5	N
Monocytes	< 1.1	0.6	N
Eosinophils	< 0.7	0.2	N
Basophils	< 0.3	< 0.1	N
COMMENT		#33457649 : Normal full blood count.	N

Patient Details:

Patient Name: SUMAR NARMEEN (Female)
Address: 2606B/45 MACQUARIE STREET, PARRAMATTA NSW 2124
DOB: 31/08/1990

Investigation:

Universal Service Identifier Text: HAEMATOLOGY GENERAL
Collected Date: 13/08/2025 08:33 AM
Reported Date: 13/08/2025 02:27 PM

Other:

Laboratory: AUSTRALIAN CLINICAL LABS
Laboratory Order Number: 25-33457649-HAE-0