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NSW Health Pathology - North Sydney

Requested by: iMedical	MRN	TA6478772
Report To:	Name	GRUNOW, Katharina
iMedical	Address	C/O Imedical;1 Union St
Attn: Chris Betro		PYRMONT 2009
1 Union Street	External ID	2529563797
Pyrmont NSW 2009	DOB	26-Dec-1983 Age 41 years Sex F

Clinical Notes on Request Form :

Date	20 Mar		
Year	2025		
Time	08:20		
Lab No	668365428		
Specimen	Urine	Reference Intervals	Units
Trace Elements			
Urine Volume	spot		L
Creatinine	3.6		mmol/L
Urine Iodine	0.19 L	(0.33 - 2.76)	umol/L
Urine Iodine	24 L	(42 - 350)	ug/L
Urine Iodine (Creat.adj.)	59	(48 - 719)	ug/g

Comments

Your Reference: 2529563797

20-Mar-25 08:20 # 668365428 Urine iodine determinations indicate short term iodine exposure. Whilst useful at a population level, they are a poor marker of iodine status in an individual. The recommended daily intake of iodine and epidemiological criteria for assessing iodine nutrition based on median urinary iodine concentrations can be found at <https://iris.who.int/handle/10665/85972>. Iodine levels consistently greater than 300 ug/L are associated with an increased risk of iodine-induced hyperthyroidism and autoimmune thyroid diseases. Iodine levels greater than 1000 ug/L may be seen in those exposed to iodine containing medications or supplements.

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NSW Health Pathology - North Sydney

Requested by: iMedical	MRN	TA6478772	
Report To:	Name	GRUNOW, Katharina	
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Attn: Chris Betro		PYRMONT	2009
1 Union Street	External ID	2529563797	
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Clinical Notes on Request Form :

Date	20 Mar		
Year	2025		
Time	08:20		
Lab No	668365428		
Specimen	Urine	Reference Intervals	Units
General			
Urine Volume	spot		L
Creatinine	3.6		mmol/L

Your Reference: 2529563797

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Copy to: ACL Bella Vista_DLACLBV Australian Clinical Labs 112/14 Lexington Dr Bella Vista 2153
Aust Clin Labs Bella Vista

Printed : 15:15 25-Mar-25

Authorised by: Laboratory Scientist

Page 1 of 1

Enquiries: Phone: 992 64111 Fax: 992 64075

Accredited for compliance with NPAAC
Standards and ISO 15189 (Acc 1981)

LABORATORY 3427-3420 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT: MS KATHARINA GRUNOW C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 26/12/1983 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 25-29563797-TMS-0 REFERRED: 19/03/25 COLLECTED: 20/03/25 08:20 REPORTED: 24/03/25 10:50 TESTED: 20/03/25 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY:

TOXICOLOGY SPECIMEN: SERUM/PLASMA

TRACE METALS

Copper 19.4 µmol/L (10.0 – 30.0)
Zinc 17.8 µmol/L (9.0 – 18.0)
Selenium 1.6 µmol/L (0.6 – 1.9)

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-ANF-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 21/03/25 15:51

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

IMMUNOLOGY SPECIMEN: SERUM

ANTINUCLEAR ANTIBODIES

Anti-nuclear Antibody titre : **160** (< 160)

pattern: Speckled

COMMENT: Weak ANA is not usually associated with SLE. These titres may be found in healthy subjects but may precede disease.

If clinically indicated a repeat test for ANA subspecificities (anti-ENA, anti-ds DNA and anti-nucleosome) may be useful.

Alternatively, repeat ANA testing in 6-12 months is advised.

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: IOU-w,ANF-R,HCY-R,CA1-R,CRP-R,THA-R,TAN-R,B12-R,GLI-R,TTG-R,ESR-R,OST+++

LABORATORY 3427-24540 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-TAN-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 21/03/25 11:39

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

GROUP and ANTIBODY SCREEN

Patient Blood Group : A Rh(D) POSITIVE

Current Antibody Screen : No atypical antibodies detected

ANTENATAL GROUP

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: IOU-w,ANF-W,HCY-R,CA1-R,CRP-R,THA-R,TAN-R,B12-R,GLI-R,TTG-R,ESR-R,OST+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-CD-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 21/03/25 09:51

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

IMMUNOLOGY SPECIMEN: SERUM

COELIAC DISEASE ANTIBODIES

REFERENCE RANGES

Negative Equiv. Positive

Deamidated Gliadin IgG < 1 EliA U/ml (< 7) (7-10) (> 10)

Tissue Transglutaminase IgA 1 EliA U/ml (< 7) (7-10) (> 10)

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: IOU-w,ANF-W,HCY-R,CA1-R,CRP-R,THA-R,TAN-W,B12-R,GLI-R,TTG-R,ESR-R,OST+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-MCO-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 20/03/25 18:50

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

ENDOCRINOLOGY SPECIMEN: SERUM/PLASMA/URINE

CORTISOL STUDIES

Date: 20/03/25

Lab Number: 29563797

Date collect. 20/03/25

Time collect. 08:20

Pl.Cortisol(AM) 318 (110 - 550) nmol/L

29563797 Normal cortisol result.

ENDOCRINOLOGY

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: ANF-W,REF-W,HCY-R,CA1-R,CRP-R,THA-R,TAN-W,TMV-W,B12-R,GLI-W,TTG-W,ESR+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-CA1-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 20/03/25 18:08

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

ENDOCRINOLOGY SPECIMEN: SERUM

TUMOUR MARKERS

Serum CA125 10 KU/L (< 36)

CA 125 is measured by immunoassay on a Siemens Centaur/Atellica.

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: ANF-W,REF-W,HCY-R,CA1-R,CRP-R,THA-R,TAN-W,TMV-W,B12-R,GLI-W,TTG-W,ESR+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111		
PATIENT: MS KATHARINA GRUNOW C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 26/12/1983 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 25-29563797-HAE-0 REFERRED: 19/03/25 COLLECTED: 20/03/25 08:20 REPORTED: 20/03/25 18:05 TESTED: 20/03/25 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

GENERAL HAEMATOLOGY

SPECIMEN: Whole blood

Date	20/03/2025
Collection Time	08:20
Request	25-29563797

	Units	Reference Range
ESR	5 mm/h	< 21

Comments:
#29563797 : ESR is normal.

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LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-THA-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 20/03/25 17:55

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

IMMUNOLOGY SPECIMEN: SERUM

THYROID AUTOANTIBODIES

Anti-ThyroGlobulin assay aTGII < 1.3 U/ml < 4.5

Thyroid Peroxidase (TPO) antibodies 30 U/ml (< 60)

Key:

aTGII - anti-thyroglobulin antibodies

aTPO - anti-thyroid peroxidase antibodies

Anti-ThyroGlobulin assay (aTGII) is standardised to the WHO International Reference Preparation, Human (NIBSC 65/093) and is performed on the Siemens Centaur/Atellica Immunoassay systems.

Normal thyroid antibodies.

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: ANF-W,REF-W,HCY-R,CA1-W,CRP-R,THA-R,TAN-W,TMV-W,B12-R,GLI-W,TTG-W,ESR+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111		
PATIENT: MS KATHARINA GRUNOW C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 26/12/1983 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 25-29563797-BFM-0 REFERRED: 19/03/25 COLLECTED: 20/03/25 08:20 REPORTED: 20/03/25 17:32 TESTED: 20/03/25 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

VITAMIN B12 AND FOLATE

SPECIMEN: Serum/Blood

Date	20/03/2025
Collection Time	08:20
Request	25-29563797

		Units	Reference Range
Vitamin B12	614	pmol/L	
Active B12	> 146	pmol/L	> 30

Comments:

Normal B12 result.

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 and Folate analyses are performed on the Siemens Centaur/ Atellica.

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LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-CRP-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 20/03/25 17:16

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

PROTEIN STUDIES - C REACTIVE PROTEIN

SPECIMEN: Serum

Date 20/03/2025

Collection Time 08:20

Request 25-29563797

Units Reference Range

C-Reactive Protein

1.3

mg/L

< 3.0

Comments:

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

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PATIENT: MS KATHARINA GRUNOW

PANEL CODES: ANF-W,REF-W,HCY-R,CA1-W,CRP-R,THA-W,TAN-W,TMV-W,B12-W,GLI-W,TTG-W,ESR+++

LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111		
PATIENT: MS KATHARINA GRUNOW C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 26/12/1983 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 25-29563797-TMA-0 REFERRED: 19/03/25 COLLECTED: 20/03/25 08:20 REPORTED: 20/03/25 17:10 TESTED: 20/03/25 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

Date 20/03/2025
Collection Time 08:20
Request 25-29563797

			Units	Reference Range
Free thyroxine (FT4)	16.6		pmol/L	9.0 - 25.0
Thyroid Stimulating Hormone	1.88		mIU/L	0.40 - 4.00
Free Tri-iodothyronine (FT3)	5.6		pmol/L	3.5 - 6.5

Comments:
Thyroid antibodies to follow.

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LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111		
PATIENT: MS KATHARINA GRUNOW C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 26/12/1983 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 25-29563797-HCY-0 REFERRED: 19/03/25 COLLECTED: 20/03/25 08:20 REPORTED: 20/03/25 17:10 TESTED: 20/03/25 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

HOMOCYSTEINE **SPECIMEN: Serum**

Date	20/03/2025
Collection Time	08:20
Request	25-29563797

		Units	Reference Range
Fasting status	Fasting		
Homocysteine	6.6	µmol/L	5.0 - 15.0

Comments:
Normal homocysteine level.
Homocysteine concentrations have been used to categorise
Cardiovascular risk:
<10 µmol/L - desirable
10 - 15 µmol/L - intermediate risk
15 - 30 µmol/L - high risk
>30 µmol/L - very high risk.

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LABORATORY 3427-18703 UNIT 104/14 LEXINGTON DRIVE BELLA VISTA NSW 2153 PH: 1300 134 111

PATIENT:

MS KATHARINA GRUNOW

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 26/12/1983

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 25-29563797-HOR-0

REFERRED: 19/03/25

COLLECTED: 20/03/25 08:20

REPORTED: 20/03/25 17:10

TESTED: 20/03/25

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

ENDOCRINOLOGY SPECIMEN: SERUM

HORMONE STUDIES

Oestradiol 762 pmol/L

Progesterone 49.0 nmol/L

ADULT REFERENCE RANGES:

F.S.H. L.H. OESTRADIOL PROGESTERONE#

Postmenopausal > 25 > 25 < 120 < 1.0

Follicular phase 4 - 16 < 15 70 - 530 < 5.0

Midcycle peak 8 - 30 15 - 75 230-1300

Luteal phase 2 - 12 < 15 200- 790 10.0 - 70.0

Day 21(midluteal)# > 30.0

Equivocal 15.0-30.0; Luteal Phase Deficiency < 15.0

Please note that progesterone levels in patients taking DHEA may be falsely increased due to an assay interference.

PATIENT: MS KATHARINA GRUNOW

PANEL CODES: ANF-W,REF-W,HCY-W,CA1-W,CRP-W,THA-W,TAN-W,TMV-W,B12-W,GLI-W,TTG-W,ESR+++