

SHOPS 1 & 2, 993 PACIFIC HWY
BEROWRA NSW. 2081
Phone: 02 9456 4889 Fax: 02 9453 1955
Email: berowra@themadisonmedicalpractice.com.au
Healthlink: EDI BEROWRAS

25/08/2023

IVFAustralia
SAN, Tulloch, Building, L1/103/185 Fox Valley Road
Wahroonga. 2076
Phone: 9425 1780
Fax:

re. **Mrs Katharina Grunow**
26/12/1983
50/2 Bouvardia Street
Asquith. 2077

0424 689 089

Dear Dr Lahoud,

Thank you for seeing Katharina Grunow, 39 yrs Female, for review for fertility advice. She has trialled IVF previously but would appreciate advice regarding non-IVF assistance that may be available. They have been trying to fall pregnant for the last 3.5 years.

Her current medications are:
No regular medications.

Allergies:
Nil known.

Past Medical History:
Not recorded.

Non smoker
1 drinks/day 1 days per week.

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-HAE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: HAEMATOLOGY GENERAL
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 13:51

CLINICAL NOTES: last bloods with another practice showed

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date: 08/09/20 **31/07/23** (#Refers to current
Coll. Time: 15:05 08:15 result only)
Lab Number: 44487244 #82557948

HAEMOGLOBIN	130	130	(115 - 165)	g/L
RBC	4.05	4.11	(3.80 - 5.50)	x10 ¹² /L
HCT	0.38	0.38	(0.35 - 0.47)	
MCV	95	93	(80 - 99)	fL
MCH	32.1	31.6	(27.0 - 34.0)	pg
MCHC	342	342	(310 - 360)	g/L
RDW	12.2	11.9	(11.0 - 15.0)	%
WCC	4.1	4.1	(4.0 - 11.0)	x10 ⁹ /L
Neutrophils	** 1.4	* 1.8	(2.0 - 8.0)	x10 ⁹ /L
Lymphocytes	2.1	1.7	(1.0 - 4.0)	x10 ⁹ /L
Monocytes	0.5	0.4	(< 1.1)	x10 ⁹ /L
Eosinophils	< 0.1	< 0.1	(< 0.7)	x10 ⁹ /L
Basophils	< 0.1	< 0.1	(< 0.3)	x10 ⁹ /L
PLATELETS	185	190	(150 - 450)	x10 ⁹ /L
MPV	10.4	10.5		fL

#82557948 : There is a mild neutropenia. Possible drug effect, viral or autoimmune disorder. Suggest repeat FBE to review neutropenia if clinically indicated.

TESTS COMPLETED: FBE,
INCOMPLETE TESTS: LIP, FAI, GLS, INS, ANC, ANF, B12, ENA, FSH, PRL, IS, ECU, LFT, GHB, OH, RHE, TSH,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 Sex: F Medicare Number: 26776990861
Your Reference: 00029728 Lab Reference: 23-82557948-HOR-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS Referred by: DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: HORMONES ,REPRODUCTIVE
Requested: 24/07/2023 Collected: 31/07/2023 Reported: 31/07/2023 13:54

CLINICAL NOTES: last bloods with another practice showed

ENDOCRINOLOGY

SPECIMEN: SERUM

HORMONE STUDIES

Date: 31/07/23
Coll. Time: 08:15
Lab Number: 82557948

FSH	3	IU/L
Prolactin (mIU/L)	359	mIU/L (see below)

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

PROLACTIN RANGES:

Female : 60 - 620 mIU/L
Post menopausal Female: 40 - 430 mIU/L

Prolactin test is performed using Siemens Atellica system.

TESTS COMPLETED: FBE, FSH, PRL,
INCOMPLETE TESTS: LIP, FAI, GLS, INS, ANC, ANF, B12, ENA, IS, ECU, LFT, GHB, OHD, RHE, TSH,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 Sex: F Medicare Number: 26776990861
Your Reference: 00029728 Lab Reference: 23-82557948-OHD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS Referred by: DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: VITAMIN D
Requested: 24/07/2023 Collected: 31/07/2023 Reported: 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

ENDOCRINOLOGY

VITAMIN D

SPECIMEN: SERUM

Date	Req. No.	25-hydroxy Vitamin D	
31/07/23	82557948	56	nmol/L

82557948 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.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 Sex: F Medicare Number: 26776990861
Your Reference: 00029728 Lab Reference: 23-82557948-AGN-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS Referred by: DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: ANDROGEN STUDIES
Requested: 24/07/2023 Collected: 31/07/2023 Reported: 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

ENDOCRINOLOGY

ANDROGEN STUDIES

SPECIMEN: SERUM

Date: 31/07/23
Time: 08:15
Lab Number: 82557948

Testosterone	0.7	nmol/L	(0.3 - 1.8)
SHBG re-std.	60	nmol/L	(15 - 100)
FAI re-std.	1.2	%	See table

82557948 Within normal limits.

Note: due to a re-standardisation of the testosterone assay, from 15/01/2021 some new provisional ranges apply. These will be further reviewed as more data becomes available.

Interim Reference Ranges:

	Pre menopausal	Post menopausal	Units
FAI re-std.	0.4 - 8.0	0.4 - 8.0	%

Testosterone II and SHBG are assayed on the Siemens Centaur/Atellica.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 Sex: F Medicare Number: 26776990861
Your Reference: 00029728 Lab Reference: 23-82557948-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS Referred by: DR JORDAN SUMMERS
Copy to: DR JORDAN SUMMERS

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 24/07/2023 Collected: 31/07/2023 Reported: 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 31/07/23
Time: 08:15
Lab Number: 82557948

Vitamin B12	551	pmol/L
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82557948 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.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-TSH-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: THYROID STIMULATING HORM
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date: 08/09/20 **31/07/23**
Coll. Time: 15:05 08:15
Lab Number: 44487244 82557948

TSH 1.72 1.81 (0.40 - 4.00) mIU/L

82557948 Normal TSH level.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-GLS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: GLUCOSE
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
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31/07/23 08:15 82557948 Not stated serum 5.0

82557948 Normal random glucose.
NOTE: HbA1c has been requested.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L
Fasting 3.0 - 5.4 mmol/L
1 Hour post prandial 3.0 - 11.0 mmol/L
2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-MBI-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: MULTIPLE BIOCHEM ANALYSIS
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date: **31/07/23**
Time: 08:15
Request: 82557948

Sodium 137 (135 - 145) mmol/L
Potassium 3.8 (3.5 - 5.2) mmol/L
Chloride 109 (95 - 110) mmol/L
Bicarbonate 24 (22 - 32) mmol/L
Urea 3.4 (3.0 - 7.0) mmol/L
Creatinine 60 (45 - 90) umol/L
eGFR > 90 (> 59) mL/min/1.73m2
T.Protein 73 (60 - 82) g/L
Albumin 40 (35 - 50) g/L
Globulin 33 (23 - 39) g/L
ALP 42 (30 - 120) U/L
Bilirubin 14 (< 25) umol/L
GGT 13 (< 51) U/L
AST 11 (< 41) U/L
ALT 12 (< 41) U/L

82557948 Within reference intervals.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861

Your Reference: 00029728 **Lab Reference:** 23-82557948-ISM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: IRON MASTER
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 13:55

CLINICAL NOTES: last bloods with another practice showed

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: 08/09/20 **31/07/23**
Lab Number: 44487244 82557948

Iron	14.6		24.8	(10.0 - 30.0) umol/L
Transferrin	2.14	*	2.03	(2.10 - 3.80) g/L
Saturation	27	*	49	(15 - 45) %
Ferritin	44		36	(30 - 200) ug/L

82557948 Low transferrin may be due to acute and chronic inflammatory disease (negative acute phase reactant) or protein losing states.

TESTS COMPLETED: FAI, GLS, B12, FBE, FSH, PRL, IS, ECU, LFT, OH, TSH,
INCOMPLETE TESTS: LIP, INS, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-INS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: INSULIN
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 14:01

CLINICAL NOTES: last bloods with another practice showed

ENDOCRINOLOGY

INSULIN STUDIES

SPECIMEN: SERUM

Date	Time	Lab No.	Insulin	Ref Range	Units
31/07/23	08:15	82557948	4	(See below)	mU/L

Insulin Reference Ranges:

Fasting 2 - 12 mU/L
2hr post prandial 5 - 30 mU/L

TESTS COMPLETED: FAI, GLS, INS, B12, FBE, FSH, PRL, IS, ECU, LFT, OH, TSH,
INCOMPLETE TESTS: LIP, ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077

Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-LS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to: DR JORDAN SUMMERS

Name of Test: LIPID STUDIES
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 14:02

CLINICAL NOTES: last bloods with another practice showed

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	08/09/20	31/07/23	Desirable Range	
Lab Number:	44487244	82557948	(Fasting)	

Fasting status	Random	Not Stated		
Total Chol.	3.9	3.7	(< 5.6)	mmol/L
HDL Chol.	1.2	1.3	(> 1.0)	mmol/L
LDL Chol.	2.1	2.2	(< 2.5)	mmol/L
Non-HDL Chol.	2.7	2.4	(< 3.9)	mmol/L
Triglyceride	1.2	0.5	(< 2.0)	mmol/L
LDL/HDL Ratio	1.7	1.7		
Chol/HDL Ratio	3.3	2.8		

82557948 Satisfactory lipid profile if not in a high risk category.

Desirable ranges for high CV risk patients are:

LDL Cholesterol < 2.0 mmol/L

Non-HDL Cholesterol < 2.5 mmol/L

TESTS COMPLETED: LIP, FAI, GLS, INS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, TSH,
 INCOMPLETE TESTS: ANC, ANF, ENA, GHB, RHE,

GRUNOW, KATHARINA KATHERINA
 50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-RHE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to: DR JORDAN SUMMERS

Name of Test: RHEUMATOID SCREEN
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 14:08

CLINICAL NOTES: last bloods with another practice showed

IMMUNOLOGY

RHEUMATOID FACTOR

SPECIMEN: SERUM

Date	Lab No	RH Factor(New)	RH Factor(Old)	Units	Ref. Range

31/07/23	82557948	< 14		IU/mL	(< 14)

The inclusion of tests for antibodies to cyclic citrullinated peptide (CCP) in addition to rheumatoid factor (RF) is an important additional marker for the diagnosis and prognosis of rheumatoid arthritis. Reference: Lee DM, Schur PH. Clinical utility of the anti-CCP assay in patients with rheumatic diseases. Ann Rheum Dis. 2003 Sep;62(9):870-4. For further information please contact the Immunology Laboratory.

TESTS COMPLETED: LIP, FAI, GLS, INS, B12, FBE, FSH, PRL, IS, ECU, LFT, OHD, RHE, TSH,
INCOMPLETE TESTS: ANC, ANF, ENA, GHB,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-GHB-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to: DR JORDAN SUMMERS

Name of Test: GLYCATED HB
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 15:41

CLINICAL NOTES: last bloods with another practice showed

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC HbA1c (mmol/mol)	DCCT HbA1c (%)
31/07/23	08:15	82557948	31	5.0

82557948 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA

DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent with diabetes. Consider OGTT or repeat HbA1c for confirmation. HbA1c 6.0 - 6.4% is consistent with prediabetes. Repeat testing annually is recommended. (ADS position statement 2020)

MONITORING.

The Australian Diabetes Society (ADS) recommends individualised HbA1c targets depending on the patient's age, comorbidities and any Hypoglycaemia (ADS position statement 2009). A general target of less than or equal to 53 mmol/mol (7.0%) is often used.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

TESTS COMPLETED: LIP, FAI, GLS, INS, B12, FBE, FSH, PRL, IS, ECU, LFT, GHB, OHD, RHE, TSH,
INCOMPLETE TESTS: ANC, ANF, ENA,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-ENA-0

Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: EXTRACTABLE NUCLEAR AG
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 31/07/2023 21:46

CLINICAL NOTES: last bloods with another practice showed

IMMUNOLOGY **SPECIMEN: SERUM**

EXTRACTABLE NUCLEAR ANTIGENS

SS-A (Ro)	Negative
SS-B (La)	Negative
RNP	Negative
Sm	Negative
Scl-70	Negative
Jo 1	Negative

COMMENT:

SS-A (Ro) results include 52kDa and 60kDa variants.

TESTS COMPLETED: LIP, FAI, GLS, INS, B12, ENA, FBE, FSH, PRL, IS, ECU, LFT, GHB, OHD, RHE, TSH,
INCOMPLETE TESTS: ANC, ANF,

GRUNOW, KATHARINA KATHERINA
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Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-ANC-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: ANCA
Requested: 24/07/2023 **Collected:** 31/07/2023 **Reported:** 01/08/2023 15:33

CLINICAL NOTES: last bloods with another practice showed

IMMUNOLOGY **SPECIMEN: SERUM**

ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA)

A.N.C.A.	Negative
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TESTS COMPLETED: LIP, FAI, GLS, INS, ANC, B12, ENA, FBE, FSH, PRL, IS, ECU, LFT, GHB, OHD, RHE, TSH,
INCOMPLETE TESTS: ANF,

GRUNOW, KATHARINA KATHERINA
50/2 BOUVARDIA STREET, ASQUITH. 2077
Phone: 0424689089
Birthdate: 26/12/1983 **Sex:** F **Medicare Number:** 26776990861
Your Reference: 00029728 **Lab Reference:** 23-82557948-ANF-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR JORDAN SUMMERS **Referred by:** DR JORDAN SUMMERS
Copy to:
DR JORDAN SUMMERS

Name of Test: ANTI-NUCLEAR ANTIBODIES

Requested: 24/07/2023

Collected: 31/07/2023

Reported: 02/08/2023

15:56

CLINICAL NOTES: last bloods with another practice showed

IMMUNOLOGY

SPECIMEN: SERUM

ANTINUCLEAR ANTIBODIES

Anti-nuclear Antibody titre : **320** (< 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.

The following results on this sample have been reported in detail, and are reproduced here in abbreviated form for your convenience.

EXTRACTABLE NUCLEAR ANTIGENS

SS-A (Ro)	Negative
SS-B (La)	Negative
RNP	Negative
Sm	Negative
Scl-70	Negative
Jo 1	Negative

TESTS COMPLETED: LIP, FAI, GLS, INS, ANC, ANF, B12, ENA, FBE, FSH, PRL, IS, ECU, LFT, GHB, OH, RHE, TSH,

Yours faithfully,



Dr Jordan Summers
MBBS, FRACGP, APHRA - MED0002073843
528853CF
Healthlink EDI: Berowras