

Patient Health Summary

Name: Mrs Juliana De Lima
Address: 19 Castle Field Drive
Murwillumbah 2484

Main Street Medical Centre
Main Street Medical Centre
140 Main St
Murwillumbah 2484
02 66721200

D.O.B.: 20/10/1979
Medicare No: 2652954146
Phone:
Mobile:0401 801 312

Printed on 30th April 2024

Allergies/Adverse reactions:

Aspirin	Swelling of face and lips, Moderate
Nurofen	Swelling of face and lips, Moderate
Paracetamol	Swelling of face and lips, Moderate

Investigations:

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH. 2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-68119963-FHM-0
Laboratory: QML Pathology
Addressee: DR SHALOM RICHMOND **Referred by:** DR SHALOM RICHMOND

Name of Test: FERTILITY HORMONE MASTER
Requested: 07/02/2023 **Collected:** 07/02/2023 **Reported:** 07/02/2023 19:10

CUMULATIVE FERTILITY HORMONES

Date 07/02/23
Time 09:29
Lab No 68119963

LH	3	IU/L
FSH	4	IU/L
E2	190	pmol/L
Prog	20	nmol/L

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

Clinical Notes : ?Perimenopausal

Tests Completed:PROGESTERONE, E2, LH, FSH
Tests Pending :

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH. 2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-73066792-CCP-0
Laboratory: QML Pathology

Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR KATHLEEN TREE

Name of Test: CYCLIC CITRULLINE PEPTIDE

Requested: 05/04/2023 **Collected:** 10/05/2023 **Reported:** 13/05/2023 09:09

AUTOANTIBODY SEROLOGY

Rheumatoid Factor (RA latex)	< 14	IU/mL	(0-14)
Anti-CCP antibody	< 1	U/mL	(< 5)

Anti-cyclic citrullinated peptide (CCP) antibody is highly specific and moderately sensitive for the diagnosis of rheumatoid arthritis (RA). Some rheumatoid arthritis patients may be rheumatoid factor (RF) negative but may have positive anti-CCP antibodies. Anti-CCP antibody (and RF) positivity is associated with an increased risk of erosive disease in RA. The role of serial measurement of anti-CCP as a marker of disease activity in RA has not been established.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed:TFT, LATEX/RHEUMATOID, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE C-REACTIVE PROTEIN, ESR, CCP
Tests Pending :

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-73066792-ESR-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR KATHLEEN TREE

Name of Test: ERYTHROCYTE SEDIMENT RATE

Requested: 05/04/2023 **Collected:** 10/05/2023 **Reported:** 13/05/2023 09:09

Erythrocyte Sedimentation Rate	5 mm/hr	(1-20)
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Tests Completed:TFT, LATEX/RHEUMATOID, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE C-REACTIVE PROTEIN, ESR, CCP
Tests Pending :

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-73066792-RAW-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR KATHLEEN TREE

Name of Test: RHEUMATOID MASTER

Requested: 05/04/2023 **Collected:** 10/05/2023 **Reported:** 13/05/2023 09:09

RHEUMATOID SEROLOGY

Rheumatoid Factor (RA latex)	< 14 IU/mL	(0-14)
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COMMENT

Result within normal limits.

Rheumatoid factor (RF) may be detected in up to 60% of patients with rheumatoid arthritis. However RF is also found in other disease states including autoimmune diseases, infective diseases and neoplasia. RF may also be detected in healthy individuals.

Anti-CCP antibody is a specific test for rheumatoid arthritis and has prognostic significance. Anti-CCP antibody testing is recommended in the diagnosis of rheumatoid arthritis.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed:TFT, LATEX/RHEUMATOID, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE C-REACTIVE PROTEIN, ESR, CCP
Tests Pending :

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-73066792-CRP-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR KATHLEEN TREE

Name of Test: C REACTIVE PROTEIN
Requested: 05/04/2023 **Collected:** 10/05/2023 **Reported:** 13/05/2023 09:09

CUMULATIVE SERUM/PLASMA COMPLEMENT AND C-REACTIVE PROTEIN (CRP)
Date 10/05/23
Time 09:50
Lab No 73066792

CRP < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed:TFT, LATEX/RHEUMATOID, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed:ACTIVE VITAMIN B12, SE E/LFT, SE ZINC, SE C-REACTIVE PROTEIN, ESR, CCP
Tests Pending :

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 23-74190095-MG-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR FARIBORZ MOKHTARPOUR
Copy to: DR M RAJ

Name of Test: MAGNESIUM,SERUM
Requested: 21/09/2023 **Collected:** 23/09/2023 **Reported:** 23/09/2023 19:56

CUMULATIVE TRACE ELEMENTS
Date 23/09/23
Time 08:21

Lab No 74190095
Magnesium 0.8 mmol/L(0.7-1.1)

Clinical Notes : nil

Tests Completed:IRON STUDIES, FBC, SE E/LFT, SE HDL, SE MG
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12, SE ZINC, SE VIT D

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 23-74190095-VD-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR Referred by: DR FARIBORZ MOKHTARPOUR
Copy to: DR M RAJ

Name of Test: VITAMIN D,SERUM
Requested: 21/09/2023 Collected: 23/09/2023 Reported: 23/09/2023 20:02

CUMULATIVE SERUM VITAMIN D
Date 23/09/23
Time 08:21
Lab No 74190095
Vitamin D3 68 nmol/L (> 49)

74190095
** Progress report.
We occasionally see evidence of functional vitamin deficiency and possibly accelerated bone loss with levels in the range of 50-70 nmol/L.

Clinical Notes : nil

Tests Completed:IRON STUDIES, FBC, SE E/LFT, SE VIT D, SE HDL, SE MG
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12, SE ZINC

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 23-74190095-ZN-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR Referred by: DR FARIBORZ MOKHTARPOUR
Copy to: DR M RAJ

Name of Test: ZINC,SERUM
Requested: 21/09/2023 Collected: 23/09/2023 Reported: 23/09/2023 20:34

Serum Zinc 13 umol/L (10-25)

Clinical Notes : nil

Tests Completed:IRON STUDIES, FBC, SE E/LFT, SE ZINC, SE VIT D, SE HDL, SE MG
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 24-75455277-CBC-0

Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR FARIBORZ MOKHTARPOUR
Name of Test: MASTER FULL BLOOD COUNT
Requested: 29/02/2024 **Collected:** 12/03/2024 **Reported:** 12/03/2024 15:28

CUMULATIVE FULL BLOOD EXAMINATION						
Date	03/02/23	10/05/23	23/09/23	12/03/24		
Time	11:40	09:50	08:21	07:30		
Lab No	68119869	73066792	74190095	75455277		
Hb	141	138	138	133	g/L	(115-160)
RCC	4.7	4.6	4.6	4.4	x10 ^12 /L	(3.6-5.2)
Hct	0.42	0.40	0.41	0.40		(0.33-0.46)
MCV	89	87	89	89	fL	(80-98)
MCH	30	30	30	30	pg	(27-35)
Plats	310	263	245	240	x10 ^9 /L	(150-450)
WCC	7.5	6.2	4.3	4.7	x10 ^9 /L	(4.0-11.0)
Neuts	3.8	3.7	2.2	42 %	2.0 x10 ^9 /L	(2.0-7.5)
Lymphs	2.5	1.6	1.4	37 %	1.7 x10 ^9 /L	(1.1-4.0)
Monos	0.5	0.4	0.4	10 %	0.5 x10 ^9 /L	(0.2-1.0)
Eos	0.68	0.43	0.30	10 %	0.47 x10 ^9 /L	(0.04-0.40)
Basos	0.08	0.06	0.04	1 %	0.05 x10 ^9 /L	(< 0.21)
E.S.R.				pending	mm/hr	(1-20)

75455277 **Automated Comment:**
As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

Eosinophilia - this may be seen in Atopic conditions. Correlate Clinically. Consider IgE +/- RAST.

** FINAL REPORT - Please destroy previous report **

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:FBC
Tests Pending :TFT, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE HDL, ESR

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 24-75455277-ESR-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR FARIBORZ MOKHTARPOUR

Name of Test: ERYTHROCYTE SEDIMENT RATE
Requested: 29/02/2024 **Collected:** 12/03/2024 **Reported:** 12/03/2024 16:10

Erythrocyte Sedimentation Rate 5 mm/hr (1-20)

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:FBC, ESR
Tests Pending :TFT, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE HDL

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 24-75455277-HDL-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR FARIBORZ MOKHTARPOUR

Name of Test: HDL CHOLESTEROL, SERUM
Requested: 29/02/2024 **Collected:** 12/03/2024 **Reported:** 12/03/2024 19:00

CUMULATIVE LIPID RISK REPORT

Date	03/02/23	23/09/23	12/03/24	
Time	11:40	08:21	07:30	
Lab No	68119869	74190095	75455277	
	RANDOM	FASTING	FASTING	
				Target if HIGH RISK
Total Cholesterol	5.5	4.9	5.2	mmol/L (below 4.0)
Triglycerides	1.5	0.8	0.8	mmol/L (below 2.0)

CHOLESTEROL FRACTIONS				
HDL	1.65	1.56	1.42	mmol/L (above 1.0)
LDL (calculated)*	3.17	2.98	3.42	mmol/L (below 2.5)
Non-HDL cholesterol*	3.85	3.34	3.78	mmol/L (below 3.3)
Total/HDL ratio**	3.3	3.1	3.7	

* Secondary prevention LDL and non-HDL cholesterol targets are lower.
 ** The ratio is for use with the cardiovascular risk calculator.
 Web-search: "Australian cardiovascular risk calculator"

75455277 Treatment is recommended if clinically indicated or if calculated risk exceeds 15% absolute risk of CVD events over 5 years.

NVDPA 2012 Target ranges refer to HIGH RISK PATIENTS.

As of 7/3/22 LDL will no longer be measured routinely. LDL results will be calculated, in accordance with National harmonisation.

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:FBC, SE E/LFT, SE HDL, ESR
 Tests Pending :TFT, IRON STUDIES, SERUM VITAMIN B12

DE LIMA, JULIANA
 19 CASTLE FIELD DR, MURWILLUMBAH. 2484
Phone: 04 01801312
Birthdate: 20/10/1979 **Sex:** F **Medicare Number:** 26529541451
Your Reference: **Lab Reference:** 24-75455277-25T-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR **Referred by:** DR FARIBORZ MOKHTARPOUR

Name of Test: E/LFT (MASTER)
Requested: 29/02/2024 **Collected:** 12/03/2024 **Reported:** 12/03/2024 19:00

CUMULATIVE SERUM BIOCHEMISTRY

Date	03/02/23	10/05/23	23/09/23	12/03/24	
Time	11:40	09:50	08:21	07:30	
Lab No	68119869	73066792	74190095	75455277	
	RANDOM	RANDOM	FASTING	FASTING	FASTING
Sodium	138	139	137	137	mmol/L (137-147)
Potass.	4.2	4.2	4.1	4.2	mmol/L (3.5-5.0)
Chloride	100	102	104	104	mmol/L (96-109)
Bicarb	25	29	27	27	mmol/L (25-33)
An.Gap	17	12	10	10	mmol/L (4-17)
Gluc	5.1	3.9	5.0	5.3	mmol/L (3.0-6.0)
Urea	4.5	4.3	3.7	3.9	mmol/L (2.0-7.0)
Creat	73	73	63	73	umol/L (40-110)
eGFR	86	86	> 90	86	mL/min (over 59)
Urate	0.16	0.19	0.15	0.16	mmol/L (0.14-0.35)
T.Bili	6	12	8	9	umol/L (2-20)
Alk.P	59	46	50	45	U/L (30-115)
GGT	21	24	19	20	U/L (0-45)
ALT	16	12	16	16	U/L (0-45)
AST	22	19	22	22	U/L (0-41)
LD	172	159	146	144	U/L (80-250)

Calcium	2.42	2.39	2.23	2.26	mmol/L (2.15-2.60)
Corr.Ca	2.30	2.35	2.22	2.22	mmol/L (2.15-2.60)
Phos	1.3	1.2	1.2	1.2	mmol/L (0.8-1.5)
T.Prot	75	73	71	71	g/L (60-82)
Alb	47	44	43	44	g/L (35-50)
Glob	28	29	28	27	g/L (20-40)
Chol	5.5	5.2	4.9	5.2	mmol/L (3.6-6.9)
Trig	1.5	1.6	0.8	0.8	mmol/L (0.3-2.2)
Lab No	68119869	73066792	74190095	75455277	
Date	03/02/23	10/05/23	23/09/23	12/03/24	

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:FBC, SE E/LFT, SE HDL, ESR
Tests Pending :TFT, IRON STUDIES, SERUM VITAMIN B12

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH. 2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 24-75455277-ISM-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR Referred by: DR FARIBORZ MOKHTARPOUR

Name of Test: MASTER IRON STUDIES
Requested: 29/02/2024 Collected: 12/03/2024 Reported: 12/03/2024 19:08

CUMULATIVE IRON STUDIES

Date	10/05/23	23/09/23	12/03/24
Time	09:50	08:21	07:30
Lab No	73066792	74190095	75455277

Iron	21	16	13	umol/L	(10-33)
TIBC	46	43	43	umol/L	(45-70)
Saturation	46	37	30	%	(16-50)
Ferritin	101	97	80	ug/L	(25-290)

75455277 Comment:
Essentially normal iron stores.

Note: Any unusually high TIBC values in this setting may reflect states of high oestrogenic activity which may reflect liver disease in males or HRT/OCP use in females.

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:IRON STUDIES, FBC, SE E/LFT, SE HDL, ESR
Tests Pending :TFT, SERUM VITAMIN B12

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH. 2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 24-75455277-THY-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR Referred by: DR FARIBORZ MOKHTARPOUR

Name of Test: THYROID TEST MASTER
Requested: 29/02/2024 Collected: 12/03/2024 Reported: 12/03/2024 19:48

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	01/09/20	03/02/23	10/05/23	12/03/24
Time	14:54	11:40	09:50	07:30
Lab No	27107775	68119869	73066792	75455277

TSH	2.3	4.5	3.0	5.5	mIU/L (0.50-4.00)
free T4	12	14	13	11	pmol/L (10-20)
free T3	4.4				pmol/L (2.8-6.8)

The pattern of a normal free T4 with a mildly elevated TSH is suggestive of subclinical hypothyroidism.
Suggest Thyroid Tissue Antibodies or a repeat test in 6 weeks if recovery after a transient Thyroiditis is suspected.
Alternately, this pattern also could be recovery after an intercurrent illness which depleted Thyroxine reserves.

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:TFT, IRON STUDIES, FBC, SE E/LFT, SE HDL, ESR
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12

DE LIMA, JULIANA
19 CASTLE FIELD DR, MURWILLUMBAH.2484
Phone: 04 01801312
Birthdate: 20/10/1979 Sex: F Medicare Number: 26529541451
Your Reference: Lab Reference: 24-75455277-BFM-0
Laboratory: QML Pathology
Addressee: DR FARIBORZ MOKHTARPOUR Referred by: DR FARIBORZ MOKHTARPOUR

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 29/02/2024 Collected: 12/03/2024 Reported: 12/03/2024 21:08

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS
Date 10/05/23 23/09/23 12/03/24
Time 09:50 08:21 07:30
Lab No 73066792 74190095 75455277

B12 Total		188	212	pmol/L	(162-811)
Active B12	83	84	79	pmol/L	(> 35)
S.Fol.	21.5			nmol/L	

Comment:
75455277

Serum Vitamin B12 Assay:
The vitamin B12 level is in the indeterminate range.
B12 depletion may exist with levels up to 350 pmol/L
Correlation with Folate levels as well as Holo TC (Active B12) assay is recommended.

Holo TC Assay:
No vitamin B12 deficiency.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
Patients should contact their referring doctor in regard to this result.

Clinical Notes : Tiredness;history of iron deficiency;hypothyroi...

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, FBC, SERUM VITAMIN B12
Tests Completed:SE E/LFT, SE HDL, ESR
Tests Pending :