

# Times GP

Suite 16, Ground Floor Times Square  
250 McCullough Street,  
Sunnybank QLD 4109  
Ph: 3518 8888 Fax: 3532 0278

21/02/2024

Dr Charlotte Mooring  
855 Stanley Street  
Shop 2 Trafalgar Lane  
Woolloongabba. 4102

Phone: (07) 3145 0360 Fax: (07) 3112 6169

re: **Mrs Takara Marie Raymond**  
**DOB: 18/06/1991**  
**4 Chester Court**  
**Petrie. 4502**  
**Mobile: 0432065390 Phone:**  
**Medicare no: 4454816551-1 Exp: 04/2027**

Dear Charlotte,

Thank you for seeing Takara Raymond, 32 yrs G0P0 Female for Fertility and Gynae advice. Her partner = Travis Harvey, will also be getting a Fertility referral to see you also.

She tells me she had a bad experience this morning with QLD Fertility Group and had some blood test which includes genetic testing done with them. The couple won't be returning to them and would like to see you for these results. I have not been CC'ed yet with these results.

=====

She has been trying for pregnancy throughout 2023, including using LH strips over past 3 months, seeing Chinese herbalist, acupuncturist, naturopath, but with no success. She is a new patient of mine and I have attached her recent preconception workup below with bloods, urine, USS and updated CST, and previous PHx for your information. Her AMH came back 6.2 and so I have recommended her to see a Fertility specialist sooner rather than later.

Takara has also had a L labial lump for >1 year, and on USS it shows a simple cyst 16mm. On pelvic USS it also shows uterine fibroids subserosal 20mm and small-moderate free fluid in POD. She will also seek your opinion for ongoing management for these.

She sees Dr Naomi Chiong (Endocrinologist) for her Hashimoto's and currently on **levothyroxine 100mcg x 5 days + 200mcg x 2 days**

CLINICAL notes on 3/1/24

regular periods, 25days (Aug 2023 went up to 30 days)

- uses menstrual APP
- lasts at least 7 days, can be 8-11 days
- past 2 periods has been weird with PV spotting 2 days first, and then period comes
- day 1-3 PV spotting
- day 4-6 heavy periods + blood clots 5-10 size
- day 7-11 lightens, tapers
- period pain day 4-6 and sometimes gets it 1 day before period comes

- can still go to work
- takes **ibuprofen** for it intermittent with good relief - lately not been taking it, just been using heat pack
- NOT see GP or Gynae about prolonged periods
- LMP: 13th Dec

I look forward to correspondence following her review with you. Thank you for your valuable contribution to her care.

### Current Medical History:

	Asthma	
	Folate deficiency	
	Iron deficiency	
	B12 Deficiency	
	Vitamin D deficiency	
	Zinc deficiency	
	Eczema	
	MTHFR homozygote	
	Streptococcus B Carrier	vaginal
	Psoriasis	
2016	Hashimoto's disease	
2019	Menorrhagia	
03/01/2024	Obesity	BMI 34.4
15/01/2024	Uterine fibroid	USS single low uterine body/cervical subserosal fibroid measuring 17 x 15 x 20 mm.
15/01/2024	Uterine mobility is reduced on dynamic assessment	USS
15/01/2024	L labia majora simple cyst 16x9x9mm	USS
15/01/2024	Small-Moderate volume free fluid in pod - more than expect	USS
18/01/2024	Elevated fibrinogen 4.59 ?acute phase response	
18/01/2024	Rubella - low positive immunity	
18/01/2024	Hep b immune	
18/01/2024	Varicella immune	
19/01/2024	High urate 0.40	always been borderline high
19/01/2024	Amh 6.2	

### Past Medical History:

Not recorded.

### Current medications:

Daivobet 50/500 Ointment	Apply to affected area once daily; wash hands after use.
levothyroxine	100mcg x 5 days + 200mcg x 2 days as per Dr Naomi Chiong (Endo)

### Allergies:

Nil known.

## Investigations:

RAYMOND, TAKARA  
4 CHESTER COURT, PETRIE. 4502  
Phone: 0432065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 4454816551  
Your Reference: B4B0286178 Lab Reference: 685537671-P-P936  
Laboratory: SNP  
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG  
  
Name of Test: CST TEXT  
Requested: 03/01/2024 Collected: 03/01/2024 Reported: 10/01/2024 06:19

CLINICAL NOTES Last CST >5 years ago - HPV neg  
  
CERVICAL SCREENING TEST (CST)  
  
RISK CATEGORY LOW RISK  
for significant abnormality  
  
SPECIMEN Cervical - ThinPrep  
  
TEST RESULTS PCR for Oncogenic HPV and Genotype  
HPV16 Not Detected  
HPV18 Not Detected  
HPV (not 16/18) Not Detected  
  
Recommendation Rescreen in 5 years

Comments on Lab Id: 685537671

To support the significant changes to cervical screening we have created enhanced, risk stratified, colour coded reports which are available in either hard copy or PDF format.  
If PDF functionality has been enabled in your practice management software, please see the accompanying PDF report.  
For assistance with report preferences, please contact our Client Database team on 1300 767 284.

TM

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

Tests Completed: CST TEXT  
Tests Pending :  
Sample Pending :

Raymond, Takara  
4 Chester Court, PETRIE. 4502  
Phone: 0432065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: 2024R0001342 Lab Reference: 2024R0001342  
Laboratory: QSCAN Radiology  
Addressee: Dr MARGARET KAR-YEE CHUNG Referred by: Dr MARGARET KAR-YEE CHUNG  
  
Name of Test: Ultrasound Skin Lump, Ultrasound Pelvis  
Requested: 15/01/2024 Collected: 15/01/2024 Reported: 15/01/2024 16:01

Ms Takara Raymond  
4 Chester Court PETRIE QLD 4502  
Ref: 2024R0001342  
Addressee: Dr MARGARET KAR-YEE CHUNG  
Requested: 1/15/2024 12:56 PM  
Reported: 1/15/2024 4:01 PM  
Ultrasound Skin Lump, Ultrasound Pelvis

DOB: 6/18/1991  
Sex: Female  
QSCAN Radiology  
Referrer: Dr MARGARET KAR-YEE CHUNG  
Collected: 1/15/2024 3:07 PM

**HISTORY:**

Left pubic region / labial lump 1.3cm - fluctuant, non-tender  
Prolonged periods 8-11 days, regular periods, preconception counselling

**ULTRASOUND MASS****FINDINGS:**

The clinical region of interest corresponds to the left labia majora, where there is a simple appearing cyst measuring 16 x 9 x 9 mm. No internal vascularity or solid component.

**ULTRASOUND PELVIS****TECHNIQUE:**

Transabdominal and transvaginal scanning performed with consent.

**FINDINGS:**

**Uterus:** The uterus is retroverted and measures 66 mm x 39 mm x 43 mm with a volume of 57 cc. The uterine mobility is reduced on dynamic assessment.

**Myometrium:** There is a single low uterine body/cervical subserosal fibroid measuring 17 x 15 x 20 mm.

**Endometrium:** Measures 4 mm and appears well defined.

**Right Ovary/Adnexa:** The right ovary measures 34 mm x 17 mm x 26 mm with a volume of 8 cc and shows normal morphology.

**Left Ovary/Adnexa:** The left ovary measures 35 mm x 15 mm x 17 mm with a volume of 5 cc and shows normal morphology. The left ovary contains a 16 mm dominant follicle. No tenderness of the ovary with probe pressure and reduced mobility seen with dynamic assessment.

**Pouch of Douglas:** Small to moderate volume of free fluid in the Pouch of Douglas.

**CONCLUSION:**

Simple cyst in the left labia majora measures 16 x 9 x 9 mm, possible Bartholin cysts.

Subserosal fibroid at the posterior uterine body/cervix measures 20 mm

Small to moderate volume free fluid in the pouch of Douglas, slightly more than normally expected.

Dr. Marianne Cossens

Thank you for referring Ms Takara Raymond

**Please see additional patient information below**

Click here for BP Lava version and above: [Radiology Images](#)

Click here for BP Summit version and below: [Radiology Images](#)

Report Author: Marianne Cossens    Service Provider: QSCAN Radiology

RE

RAYMOND,        TAKARA MARIE  
4 CHESTER CT,        PETRIE.        4502  
**Phone:**        04 32065390  
**Birthdate:**    18/06/1991    **Sex:**    F        **Medicare Number:**        44548165511  
**Your Reference:**        **Lab Reference:** 24-75030201-CBC-0  
**Laboratory:** QML Pathology  
**Addressee:**    DR MARGARET CHUNG        **Referred by:**        DR MARGARET CHUNG

**Name of Test:**        MASTER FULL BLOOD COUNT  
**Requested:**    03/01/2024        **Collected:**    18/01/2024        **Reported:**    18/01/2024        13:11

CUMULATIVE FULL BLOOD EXAMINATION

Date	21/03/23	06/09/23	12/12/23	18/01/24	
Time	06:46	07:06	07:12	07:51	
Lab No	72671049	73167389	74267224	75030201	
Hb	135	146	140	148	g/L (115-160)
RCC	4.5	4.9	4.7	5.0	x10 <sup>12</sup> /L (3.6-5.2)
Hct	0.41	0.43	0.42	0.44	(0.33-0.46)
MCV	91	88	89	89	fL (80-98)
MCH	30	30	30	30	pg (27-35)
Plats	325	370	302	377	x10 <sup>9</sup> /L (150-450)
WCC	10.4	7.6	7.8	6.8	x10 <sup>9</sup> /L (4.0-11.0)
Neuts	5.2	4.6	4.7	3.9	x10 <sup>9</sup> /L (2.0-7.5)
Lymphs	2.4	2.1	2.2	2.2	x10 <sup>9</sup> /L (1.1-4.0)
Monos	0.6	0.5	0.5	0.4	x10 <sup>9</sup> /L (0.2-1.0)
Eos	2.08	0.38	0.39	0.14	x10 <sup>9</sup> /L (0.04-0.40)
Basos	0.10	0.08	0.08	0.07	x10 <sup>9</sup> /L (< 0.21)

75030201 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.

All haematology parameters are within normal limits for age and sex.

**\*\* FINAL REPORT - Please destroy previous report \*\***

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:FBC

Tests Pending :HBSAB, HEP B / C, VZV IGG, RUBELLA IGG, COAG. STUDIES, BL HBA1C  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, SYPHILIS AB, CT NG PCR  
Tests Pending :SERUM FOLATE, SERUM VITAMIN B12, PARIETAL CELL AB, SE E/LFT, SE ZINC  
Tests Pending :TSI, SE VIT D, SE HDL, INTRINSIC FACTOR ANTIBODY  
Tests Pending :GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND,        TAKARA MARIE  
4 CHESTER CT,        PETRIE.        4502  
**Phone:**        04 32065390  
**Birthdate:**    18/06/1991    **Sex:**    F        **Medicare Number:**        44548165511  
**Your Reference:**        **Lab Reference:** 24-75030201-A1C-0  
**Laboratory:** QML Pathology  
**Addressee:**    DR MARGARET CHUNG        **Referred by:**        DR MARGARET CHUNG

**Name of Test:**        HAEMOGLOBIN A1C,BLOOD  
**Requested:**    03/01/2024        **Collected:**    18/01/2024        **Reported:**    18/01/2024        13:59

## CUMULATIVE GLYCATED HAEMOGLOBIN

Date	12/12/23	18/01/24
Time	07:12	07:51
Lab No	74267224	75030201
HbA1c Fraction	5.3	5.4 %
in SI units	34	36 mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence of conditions affecting red blood cell survival times, which may lead to either falsely high or falsely low HbA1c results.

## HbA1c diagnostic levels - RCPA 2014

< 6.1% (<43 mmol/mol) - current diabetes is excluded  
6.1-6.4% (43-47 mmol/mol) - high risk for future diabetes  
> 6.4% (>48 mmol/mol) - diabetes is likely

Unless patient has supportive symptoms or elevated plasma glucose values, repeat test is recommended.

Currently, Medicare will fund only one diagnostic test per year.

Sample may be collected at any time - fasting is not required.

Note - diabetes tolerance may be impaired by chronic illness, use of certain drugs including steroids, Cushing syndrome, etc.

We would advise considering secondary forms in newly-diagnosed patients.

For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:BL HBA1C, FBC

Tests Pending :HBSAB, HEP B / C, VZV IGG, RUBELLA IGG, COAG. STUDIES

Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, SYPHILIS AB, CT NG PCR

Tests Pending :SERUM FOLATE, SERUM VITAMIN B12, PARIETAL CELL AB, SE E/LFT, SE ZINC

Tests Pending :TSI, SE VIT D, SE HDL, INTRINSIC FACTOR ANTIBODY

Tests Pending :GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-COM-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: MASTER COAG PROFILE

Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 14:39

## CUMULATIVE COAGULATION STUDIES

Date	18/01/24
Time	07:51
Lab No	75030201
PT	9 seconds (8-14)
INR	0.9 (< 1.3)
APTT	27 seconds (22-35)
Fib.	4.59 g/L (1.50-4.00)
TCT	15 seconds (13-21)
Plat.	377 x10 <sup>9</sup> /L (150-450)

75030201

## Comment:

Elevated fibrinogen. This may occur as part of an acute phase response, following an infusion of plasma products or during pregnancy.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:COAG. STUDIES, BL HBA1C, FBC  
Tests Pending :ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, SYPHILIS AB, CT NG PCR  
Tests Pending :SERUM FOLATE, SERUM VITAMIN B12, PARIETAL CELL AB, SE E/LFT, SE ZINC  
Tests Pending :TSI, SE VIT D, SE HDL, INTRINSIC FACTOR ANTIBODY  
Tests Pending :GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-ST6-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: SYPHILIS SEROLOGY MASTER  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 15:54

SYPHILIS SEROLOGY

Treponemal antibody screen : Negative  
Antibodies to Treponema pallidum NOT detected.  
This result may indicate either no exposure to Treponema pallidum or very early primary syphilis.  
If infection is suspected, please repeat in 14 days.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, FBC  
Tests Pending :ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR, SERUM FOLATE  
Tests Pending :SERUM VITAMIN B12, PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D  
Tests Pending :SE HDL, INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-BFM-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: MASTER VITAMIN B12 FOLATE  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 16:06

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS						
Date	21/03/23	06/09/23	12/12/23	18/01/24		
Time	06:46	07:06	07:12	07:51		
Lab No	72671049	73167389	74267224	75030201		
B12 Total	195	240	258	500	pmol/L	(162-811)
Active B12	116	> 146	> 146	> 146	pmol/L	(> 35)
S.Fol.		38.1	20.8	44.0	nmol/L	(8.4-55.0)

Comment:  
75030201  
Serum Folate Assay:  
Adequate Serum Folate.  
In the absence of recent oral intake, a serum folate >13 nmol/L

effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

**Serum Vitamin B12 Assay:**

Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

**Holo TC Assay:**

No suggestion of vitamin B12 deficiency.

High B12 levels are commonly seen with vitamin B12 replacement therapy.

**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 : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, COAG. STUDIES, BL HBA1C, SYPHILIS AB, FBC

Tests Completed:SERUM FOLATE, SERUM VITAMIN B12

Tests Pending :HBSAB, HEP B / C, VZV IGG, RUBELLA IGG, THYROID TISSUE AB, TSH

Tests Pending :FREE T4, FREE T3, CT NG PCR, PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI

Tests Pending :SE VIT D, SE HDL, INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD

Tests Pending :HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-RUS-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: RUBELLA VIRUS MASTER  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 16:13

**MICROBIAL SEROLOGY**

Rubella IgG (EIA): LOW POSITIVE

Negative Rubella IgG range : < 10 IU/mL  
Low Positive Rubella IgG range : 10 to 29 IU/mL  
Positive Rubella IgG range : >= 30 IU/mL

Low level Rubella antibodies are present (i.e. DOUBTFUL IMMUNITY).  
The patient should be retested in the event of a Rubella-like illness or contact. Reinfection with Rubella may occur in patients with low levels of Rubella antibodies. With maternal reinfection, consequent foetal infection is considered rare.

This test determines immune status ONLY. If current/recent infection is suspected, Rubella IgM testing is indicated.

Please note: Method changed to Siemens Atellica Rubella IgG assay effective 08/02/2023.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, RUBELLA IGG, COAG. STUDIES, BL HBA1C, SYPHILIS AB

Tests Completed:FBC, SERUM FOLATE, SERUM VITAMIN B12

Tests Pending :HBSAB, HEP B / C, VZV IGG, THYROID TISSUE AB, TSH, FREE T4, FREE T3



Tests Pending :CT NG PCR, PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D, SE HDL  
Tests Pending :INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-HPP-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: HEPATITIS A B C MASTER  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 17:35

#### HEPATITIS SEROLOGY

Hepatitis B surface antigen (HBsAg) : Negative  
Hepatitis B surface antibody (HBsAb) : 18 mIU/mL  
Hepatitis C IgG antibody (HCVIgG): Negative

PREVIOUS HEPATITIS B EXPOSURE (from vaccination or past infection)  
IMMUNE to Hepatitis B

Booster doses of HepB vax are not required if seroconversion is documented after vaccination of immunocompetent patients. Booster doses may be required in dialysis patients, HIV positive patients or immunosuppressed patients.

Please note under some circumstances a person with an antibody level of <30 mIU/mL who has had a distinct Hepatitis B exposure may need consideration for additional vaccine.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, RUBELLA IGG, COAG. STUDIES  
Tests Completed:BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE, SERUM VITAMIN B12  
Tests Pending :VZV IGG, THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR  
Tests Pending :PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D, SE HDL  
Tests Pending :INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD, HIV 1/2 AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-AAV-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: HIV ANTIBODY TEST  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 17:35

#### HUMAN IMMUNODEFICIENCY VIRUS (HIV) TESTING

HIV antigen / HIV 1 HIV 2 antibody : Non reactive

In cases of possible HIV exposure, serology should be repeated in approximately 3 months.

The screening assay performed is an antigen/antibody combination test which detects HIV 1, HIV 2 antibodies and HIV P24 antigen.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, RUBELLA IGG, COAG. STUDIES  
Tests Completed:BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE, SERUM VITAMIN B12  
Tests Completed:HIV 1/2 AB  
Tests Pending :VZV IGG, THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR  
Tests Pending :PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D, SE HDL  
Tests Pending :INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-HDL-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: HDL CHOLESTEROL,SERUM  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 18/01/2024 18:14

#### CUMULATIVE LIPID RISK REPORT

Date	22/12/22	18/01/24	
Time	07:40	07:51	
Lab No	72016550	75030201	
	FASTING	FASTING	
			Target if HIGH RISK
Total Cholesterol	4.5	4.6 mmol/L	(below 4.0)
Triglycerides	0.5	0.4 mmol/L	(below 2.0)

#### CHOLESTEROL FRACTIONS

HDL	1.60	1.40 mmol/L	(above 1.0)
LDL (calculated)*	2.67	3.02 mmol/L	(below 2.5)
Non-HDL cholesterol*	2.90	3.20 mmol/L	(below 3.3)
Total/HDL ratio**	2.8	3.3	

\* 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"

75030201 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 : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, RUBELLA IGG, COAG. STUDIES  
Tests Completed:BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE HDL  
Tests Completed:HIV 1/2 AB  
Tests Pending :VZV IGG, THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR  
Tests Pending :PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D  
Tests Pending :INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-VZS-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

**Name of Test:** VARICELLA ZOSTER SEROLOGY  
**Requested:** 03/01/2024 **Collected:** 18/01/2024 **Reported:** 18/01/2024 20:12

MICROBIAL SEROLOGY

Varicella zoster IgG (EIA): POSITIVE

Evidence of past exposure.  
In most cases, this represents immunity.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, SE HDL, HIV 1/2 AB  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR, PARIETAL CELL AB  
Tests Pending :SE E/LFT, SE ZINC, TSI, SE VIT D, INTRINSIC FACTOR ANTIBODY  
Tests Pending :GROUP ANTIBODY AND HOLD

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
**Phone:** 04 32065390  
**Birthdate:** 18/06/1991 **Sex:** F **Medicare Number:** 44548165511  
**Your Reference:** **Lab Reference:** 24-75030201-VD-0  
**Laboratory:** QML Pathology  
**Addressee:** DR MARGARET CHUNG **Referred by:** DR MARGARET CHUNG

**Name of Test:** VITAMIN D,SERUM  
**Requested:** 03/01/2024 **Collected:** 18/01/2024 **Reported:** 18/01/2024 20:14

CUMULATIVE SERUM VITAMIN D  
Date 21/03/23 06/09/23 12/12/23 18/01/24  
Time 06:46 07:06 07:12 07:51  
Lab No 72671049 73167389 74267224 75030201  
Vitamin D3 78 - 47 70 64 nmol/L (> 49)

75030201

\*\* 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 : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, SE VIT D, SE HDL, HIV 1/2 AB  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR, PARIETAL CELL AB  
Tests Pending :SE E/LFT, SE ZINC, TSI, INTRINSIC FACTOR ANTIBODY  
Tests Pending :GROUP ANTIBODY AND HOLD

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
**Phone:** 04 32065390  
**Birthdate:** 18/06/1991 **Sex:** F **Medicare Number:** 44548165511  
**Your Reference:** **Lab Reference:** 24-75030201-GH-0  
**Laboratory:** QML Pathology  
**Addressee:** DR MARGARET CHUNG **Referred by:** DR MARGARET CHUNG

**Name of Test:** GROUP ANTIBODY AND HOLD  
**Requested:** 03/01/2024 **Collected:** 18/01/2024 **Reported:** 18/01/2024 20:35

BLOOD GROUP and ANTIBODY SCREEN

Blood Group                      A      Rh(D) Positive

Red Cell Antibodies              Not Detected

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG

Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, FBC, SERUM FOLATE

Tests Completed:SERUM VITAMIN B12, SE VIT D, SE HDL, GROUP ANTIBODY AND HOLD

Tests Completed:HIV 1/2 AB

Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, CT NG PCR, PARIETAL CELL AB

Tests Pending :SE E/LFT, SE ZINC, TSI, INTRINSIC FACTOR ANTIBODY

RAYMOND,              TAKARA MARIE

4 CHESTER CT,              PETRIE.              4502

Phone:              04 32065390

Birthdate:      18/06/1991              Sex:      F              Medicare Number:              44548165511

Your Reference:              Lab Reference: 24-75030201-CNT-0

Laboratory: QML Pathology

Addressee:      DR MARGARET CHUNG              Referred by:              DR MARGARET CHUNG

Name of Test:              CTNG TV MG MASTER

Requested:      03/01/2024              Collected:      18/01/2024              Reported:      18/01/2024              21:07

Specimen: Urine

CHLAMYDIA TRACHOMATIS (NAT)              Negative  
(Nucleic acid Amplification)

NEISSERIA GONORRHOEAE (NAT)              Negative  
(Nucleic acid Amplification)

The Roche Cobas 6800 Nucleic Acid Amplification assay has been performed on this specimen.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG

Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE

Tests Completed:SERUM VITAMIN B12, SE VIT D, SE HDL, GROUP ANTIBODY AND HOLD

Tests Completed:HIV 1/2 AB

Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, PARIETAL CELL AB, SE E/LFT

Tests Pending :SE ZINC, TSI, INTRINSIC FACTOR ANTIBODY

RAYMOND,              TAKARA MARIE

4 CHESTER CT,              PETRIE.              4502

Phone:              04 32065390

Birthdate:      18/06/1991              Sex:      F              Medicare Number:              44548165511

Your Reference:              Lab Reference: 24-75030201-TSI-0

Laboratory: QML Pathology

Addressee:      DR MARGARET CHUNG              Referred by:              DR MARGARET CHUNG

Name of Test:              TSH STIM IMMUNOGLOBULIN

Requested:      03/01/2024              Collected:      18/01/2024              Reported:      19/01/2024              02:48

TSH Stimulating Immunoglobulin < 0.10 IU/L

Reference Ranges:

Negative < 0.10  
Threshold 0.10 - 0.55  
Active Graves' > 0.55

A negative level does not exclude mild or recovering Graves'.

Threshold levels may ALSO be seen with:

- . subacute thyroiditis
- . toxic nodules
- . acute, toxic Hashimoto's

Changes in trend may indicate progress of the underlying disease,  
irrespective of T4 levels.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, TSI, SE VIT D, SE HDL, GROUP ANTIBODY AND HOLD  
Tests Completed:HIV 1/2 AB  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, PARIETAL CELL AB, SE E/LFT  
Tests Pending :SE ZINC, INTRINSIC FACTOR ANTIBODY

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-25T-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: E/LFT (MASTER)  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 19/01/2024 03:16

CUMULATIVE SERUM BIOCHEMISTRY

Date	22/12/22	21/03/23	06/09/23	12/12/23	18/01/24	
Time	07:40	06:46	07:06	07:12	07:51	
Lab No	72016550	72671049	73167389	74267224	75030201	
	FASTING	FASTING	RANDOM	RANDOM	FASTING	FASTING
Sodium	136	138	138	138	138	mmol/L (137-147)
Potass.	4.4	4.1	4.7	4.1	4.5	mmol/L (3.5-5.0)
Chloride	104	103	106	105	106	mmol/L (96-109)
Bicarb	21	23	23	23	23	mmol/L (25-33)
An.Gap	15	16	14	14	14	mmol/L (4-17)
Gluc	5.2	5.7	4.9	5.7	4.8	mmol/L (3.0-6.0)
Urea	4.3	3.1	5.0	5.0	5.0	mmol/L (2.0-7.0)
Creat	64	60	70	67	63	umol/L (40-110)
eGFR	> 90	> 90	> 90	> 90	> 90	mL/min (over 59)
Urate	0.38	0.37	0.40	0.41	0.40	mmol/L (0.14-0.35)
T.Bili	4	4	6	7	5	umol/L (2-20)
Alk.P	79	84	82	80	80	U/L (30-115)
GGT	26	17	23	25	21	U/L (0-45)
ALT	28	23	23	17	21	U/L (0-45)
AST	22	19	19	14	16	U/L (0-41)
LD	224	158	221	171	209	U/L (80-250)
Calcium	2.25	2.29	2.32	2.28	2.26	mmol/L (2.15-2.60)
Corr.Ca	2.26	2.42	2.23	2.29	2.27	mmol/L (2.15-2.60)
Phos	1.0	1.5	1.3	1.2	1.2	mmol/L (0.8-1.5)
T.Prot	66	61	71	65	66	g/L (60-82)
Alb	42	38	46	42	42	g/L (35-50)
Glob	24	23	25	23	24	g/L (20-40)
Chol	4.5	3.8	4.7	4.5	4.6	mmol/L (3.6-6.7)
Trig	0.5	0.5	0.6	0.7	0.4	mmol/L (0.3-2.2)
Lab No	72016550	72671049	73167389	74267224	75030201	
Date	22/12/22	21/03/23	06/09/23	12/12/23	18/01/24	

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, SE E/LFT, TSI, SE VIT D, SE HDL  
Tests Completed:GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, PARIETAL CELL AB, SE ZINC  
Tests Pending :INTRINSIC FACTOR ANTIBODY

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-AMH-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG  
Name of Test: ANTI MULLERIAN HORMONE,S  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 19/01/2024 11:25

CUMULATIVE SERUM ANTI-MULLERIAN HORMONE (AMH)  
Date 18/01/24  
Time 07:51  
Lab No 75030201  
AMH 6.2 pmol/L (4.1-58.0)

There is no universally agreed AMH cut-off for the diagnosis of PCOS.  
Below 4.9 pmol/L - high risk (>60% chance) of low antral follicle count;  
Above 16.2 pmol/L - very low risk (<2% chance) of low antral follicle count.

Roche method in use.

Note - if the patient is currently taking a biotin-containing supplement, misleadingly low values may arise from interference with the test. These supplements should be ceased for at least 3 days prior to testing.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE  
Tests Completed:SERUM VITAMIN B12, SE E/LFT, TSI, SE VIT D, SE HDL  
Tests Completed:GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
Tests Pending :THYROID TISSUE AB, TSH, FREE T4, FREE T3, PARIETAL CELL AB, SE ZINC  
Tests Pending :INTRINSIC FACTOR ANTIBODY

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-THY-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG  
Name of Test: THYROID TEST MASTER  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 19/01/2024 14:07

CUMULATIVE SERUM THYROID FUNCTION TESTS  
Date 21/03/23 06/09/23 12/12/23 18/01/24  
Time 06:46 07:06 07:12 07:51  
Lab No 72671049 73167389 74267224 75030201

TSH	0.20	5.0	8.1	0.89	mIU/L (0.50-4.00)
free T4	18	13	12	18	pmol/L (10-20)
free T3	6.0	4.6	4.5	5.1	pmol/L (2.8-6.8)
Thyroglobulin AbII		5.9	6.5	6.7	IU/mL (< 4.6)
Thy. Peroxidase Ab		3100	2500	2500	IU/mL (< 60)

Please note that as of 06/9/2021, QML Pathology changed to a reformulated Atellica Thyroglobulin Antibody (TgAbII) assay. The reference interval has been updated. Differences in individual patient results may be observed compared to the previous method. If further information is required please contact a Chemical Pathologist on (07) 3121 4444.

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
 Tests Completed:COAG. STUDIES, BL HBA1C, THYROID TISSUE AB, TSH, FREE T4, FREE T3  
 Tests Completed:SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT  
 Tests Completed:TSI, SE VIT D, SE HDL, GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
 Tests Pending :PARIETAL CELL AB, SE ZINC, INTRINSIC FACTOR ANTIBODY

RAYMOND, TAKARA MARIE  
 4 CHESTER CT, PETRIE. 4502  
 Phone: 04 32065390  
 Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
 Your Reference: Lab Reference: 24-75030201-ZN-0  
 Laboratory: QML Pathology  
 Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: ZINC,SERUM  
 Requested: 03/01/2024 Collected: 18/01/2024 Reported: 20/01/2024 17:24

Serum Zinc 11 umol/L (10-25)

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
 Tests Completed:COAG. STUDIES, BL HBA1C, THYROID TISSUE AB, TSH, FREE T4, FREE T3  
 Tests Completed:SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT  
 Tests Completed:SE ZINC, TSI, SE VIT D, SE HDL, GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
 Tests Pending :PARIETAL CELL AB, INTRINSIC FACTOR ANTIBODY

RAYMOND, TAKARA MARIE  
 4 CHESTER CT, PETRIE. 4502  
 Phone: 04 32065390  
 Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
 Your Reference: Lab Reference: 24-75030201-IF-0  
 Laboratory: QML Pathology  
 Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: INTRINSIC FACTOR ANTIBODY  
 Requested: 03/01/2024 Collected: 18/01/2024 Reported: 22/01/2024 18:53

#### PERNICIOUS ANAEMIA SEROLOGY

Intrinsic Factor Antibody	Negative	
Antiparietal Cell Antibody	Negative	
Serum Vitamin B12 Assay	500	pmol/L (162-811)
Holo TC Assay	> 146	pmol/L (> 35)

No immunologic evidence of pernicious anaemia or suggestion of autoimmune metaplastic atrophic gastritis.

For enquiries, please contact Dr Peter Davidson (07 3121 4605)

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, THYROID TISSUE AB, TSH, FREE T4, FREE T3  
Tests Completed:SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT  
Tests Completed:SE ZINC, TSI, SE VIT D, SE HDL, INTRINSIC FACTOR ANTIBODY  
Tests Completed:GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
Tests Pending :PARIETAL CELL AB

RAYMOND, TAKARA MARIE  
4 CHESTER CT, PETRIE. 4502  
Phone: 04 32065390  
Birthdate: 18/06/1991 Sex: F Medicare Number: 44548165511  
Your Reference: Lab Reference: 24-75030201-AAW-0  
Laboratory: QML Pathology  
Addressee: DR MARGARET CHUNG Referred by: DR MARGARET CHUNG

Name of Test: AUTO ANTIBODIES MASTER  
Requested: 03/01/2024 Collected: 18/01/2024 Reported: 22/01/2024 19:41

Antiparietal Cell Antibody (screen 1:20) Negative

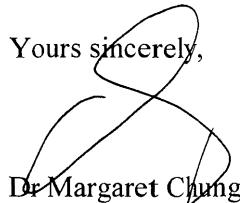
No antibodies detected at significant titre.

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

Clinical Notes : B12 def, iron def,vitD def, zinc def folate def,++

Tests Completed:ACTIVE VITAMIN B12, HBSAB, HEP B / C, VZV IGG, RUBELLA IGG  
Tests Completed:COAG. STUDIES, BL HBA1C, THYROID TISSUE AB, TSH, FREE T4, FREE T3  
Tests Completed:SYPHILIS AB, CT NG PCR, FBC, SERUM FOLATE, SERUM VITAMIN B12  
Tests Completed:PARIETAL CELL AB, SE E/LFT, SE ZINC, TSI, SE VIT D, SE HDL  
Tests Completed:INTRINSIC FACTOR ANTIBODY, GROUP ANTIBODY AND HOLD, HIV 1/2 AB  
Tests Pending :

Yours sincerely,



Dr Margaret Chung  
MBBS,FRACGP  
297333AX