



Grove Medical Victoria Park, 1009-1015 Albany Highway, East Vic Park WA 6102
Ph: 08 6255 5050 / Fax: 08 79057207
Email: victoriapark.pa@grove-medical.com.au

30/10/2024

Dear Alana

Please scroll down to see your test results.

Kind regards

Penny Wilson

Dr Penny Wilson
1009-1015 Albany Highway
St James 6102

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-HAE-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: HAEM MASTER - ENQUIRIES (HAE-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 13/10/2024 14:50

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

ROUTINE HAEMATOLOGY (Whole Blood)

RCC	4.27	x 10 ¹² /L	HAEMOGLOBIN	127	(115 - 160)	g/L
	(3.80 - 5.80)		MCV	86	(80 - 98)	fL
HCT	0.367		MCHC	346	(315 - 360)	g/L
	(0.370 - 0.470)		RDW	13	(< 16)	%
MCH	29.7	pg				
	(27.0 - 34.0)					
			ESR	6	(1 - 15)	mm/h
			PLATELETS	262	(150 - 450)	x 10 ⁹ /L
			WHITE CELLS	5.7	(4.0 - 11.0)	x 10 ⁹ /L
			Neut	57%	3.2	(2.0 - 8.0) " "
			Lymph	33%	1.9	(1.0 - 4.0) " "
			Mono	7%	0.4	(0.2 - 1.2) " "
			Eosin	3%	0.2	(< 0.7) " "

Requested Tests : VID*, TPO*, TF*, LFT*, EUC*, CRP*, LZP*, QDW*, LPD*, IRS*, INS*, HOR*, HAE, GL*, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-TPO-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: THYROID ANTIBODIES (NEW) (TPO-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:37

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

THYROID ANTIBODIES (Serum)

* Antithyroid peroxidase (TPO) : 549 IU/mL (< 60)

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-TF-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY

Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: THYROID FUNCTION TEST (TF-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:02

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

CUMULATIVE THYROID FUNCTION TEST (serum)

	TSH (mIU/L) (0.40 - 4.00)	FT4 (pmol/L) (10 - 20)	FT3 (pmol/L)	Lab.No.
20/03/23	0.91			82407436
13/10/24	2.51	14		84868961

84868961 Comment

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-GL-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: GLUCOSE, RANDOM/FASTING (GL-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:39

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

GLUCOSE (Serum)

Glucose (Fasting). . . . : 5.0 mmol/L (< 5.5)

Normal <5.5; Impaired fasting 6.1-6.9; Diabetic >6.9 (F), >11.0 (random)

Comment :

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS*, INS*, HOR*, HAE, GL, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-LPD-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: LIPIDS WITH RISK RATIO (LPD-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:39

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

LIPIDS (Serum)

Date		Chol mmol/L (< 5.5)	Trig mmol/L (< 2.0)	HDL-C mmol/L (> 1.1)	LDL-C mmol/L (< 3.4)	Ratio (See) (Below)	Lab. No.
20/03/23	Random	5.0	0.6	1.8	2.9	2.8	82407436
13/10/24	Fasting	3.8	0.6	1.4	2.1	2.7	84868961

Coronary Risk Ratio Ref Values: Average = 4.4 Twice Average = 7.0

84868961 Non-HDL-cholesterol: 2.4 mmol/L (reference interval: < 4.1 mmol/L).
Lipid-related cutoffs are intended to identify patients who may benefit from overall cardiovascular risk assessment, and do not necessarily represent treatment initiation thresholds or targets, which should be individualised to the patient. See www.cvdcheck.org.au

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS*, INS*, HOR*, HAE, GL, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-IRS-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: IRON STUDIES ENQUIRIES (IRS-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 12:44

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

CUMULATIVE IRON STUDIES (serum)

Date	Iron umol/L	Transferrin umol/L	TFN Satn %	Ferritin ug/L	Lab.No.
12/11/22	16	41	20	18	81493228
21/12/22				60	81767099
20/03/23				29	82407436
13/10/24	12	31	19	41	84868961

Ref: (11 - 27) (20 - 45) (15 - 55) (30 - 200)

84868961 Low-normal ferritin may indicate adequate iron stores, but iron deficiency is not excluded as co-existing inflammation or acute phase response may falsely raise ferritin. Correlate with clinical state.

- As ferritin is influenced by acute phase responses results in the lower-normal range (30-100) may not exclude iron deficiency.
- Ferritin levels >100 and < upper limit usually reflect adequate iron

stores.
- Serum iron is useless in determining tissue iron stores.

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS*, HOR*, HAE, GL, DTM*, DHE*, BF, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-BF-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: B12 +RBC FOLATE ENQUIRIES (BF-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 12:45

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

VITAMIN B12 and FOLATE (serum)

Vitamin B12	:	357 pmol/L (< 120 Deficient) (150-750 Normal)
Serum Folate	:	14.9 nmol/L (< 5.0 Deficient) (=> 5.0 Normal)

COMMENT: Normal vitamin B12 and folate status. Tissue deficiency is unlikely.

Patient supplementation with high dose biotin may falsely increase serum folate (Atellica assay). If concerned with the result, consider withholding biotin for 24 hours prior to repeating the test. Please contact the laboratory for further information.

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS*, HOR*, HAE, GL, DTM*, DHE*, BF, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-AND-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: ANDROGEN STUDY ENQUIRIES (AND-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:02

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

ANDROGENS (Serum)

Lab No	Date & Time	Testosterone	SHBG	Calculated Free Testo.	FAI
		(0.3 - 1.8)	(25 - 120)	(6 - 28)	

		nmol/L	nmol/L	pmol/L	
84868961	13/10/24 00:00	0.8	31	15	2.6

84868961 Comment:

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-DHE-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: DHEA SULPHATE (DHE-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:02

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

ANDROGENS (Serum)

DHEA Sulphate	:	5.8 umol/L	(2.7 - 9.2)
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Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-HOR-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: HORMONES ENQUIRIES (HOR-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:02

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

(see below)

HORMONES (Serum)

FSH	:	6	IU/L	(see below)
LH	:	3	IU/L	(see below)
Oestradiol	:	117	pmol/L	
Progesterone	:	1	nmol/L	(see below)
Prolactin	:	190	mIU/L	(< 500)

Comment: Comment:
Pattern consistent with follicular phase in women with

regular cycles.

Cycle Phase Reference Ranges				
	Follicular	Midcycle	Luteal	Perimenopausal
FSH	1 - 10	> 10	1 - 10	> 20
LH	1 - 10	> 10	1 - 10	> 20
Oestradiol	100 - 550	250 - 1300	200 - 800	< 120
Progesterone	1 - 3	4 - 6	> 6	< 3

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-INS-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: INSULIN (INS-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 13:02

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

SERUM INSULIN (Atellica)

Insulin (Fasting) : 9 mU/L (Fasting < 10)

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-VID-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: VITAMIN D (VID-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:33

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

25-HYDROXY VITAMIN D (serum)

SERUM VITAMIN D STUDY
-- 25-hydroxy Vitamin D 97 nmol/L (> 50)

Instrument: Diasorin Liaison

Requested Tests : MTH*, VID, TPO*, TF*, LFT*, EUC*, CRP*, LZP*, QDW*, LPD*, IRS*, INS*, HOR*,
HAE, GL*, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-CRP-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: C-REACTIVE PROTEIN (CRP) (CRP-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:36

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

C-REACTIVE PROTEIN (Serum) (Reference Range < 5)

Date	Time	Result mg/L	Lab. No.
13/10/24	00:00	< 1	84868961

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT*, EUC*, CRP, LZP*, QDW*, LPD*, IRS*, INS*, HOR*,
HAE, GL*, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-LFT-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: LIVER FUNCTION TESTS (LFT-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:39

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

CUMULATIVE LIVER FUNCTION TEST (Serum)
Please note change in report format as of 14/12/2021

Collection Date: 20/03/23 13/10/24
Collection Time: 08:50 00:00
Lab No: 82407436 84868961

Bilirubin:	23	16	umol/L (< 16)
Alk Phos:	60	55	U/L (30 - 110)
Gamma GT:	12	10	U/L (< 31)
ALT:	21	14	U/L (< 31)
AST:	17	14	U/L (< 31)
Albumin:	42	44	g/L (38 - 50)
Protein:	73	71	g/L (60 - 80)
Globulin Gap:	31	27	g/L (22 - 38)

84868961 Progress Report.

Instrument: Siemens Atellica

Grove Medical Victoria Park, 1009-1015 Albany Highway, East Vic Park WA 6102.
Phone: 08-6255-5050. Fax: 08-7905-7207. Email: victoriapark.pa@grove-medical.com.au

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS*, INS*, HOR*, HAE, GL, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-EUC-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: ELECTROLYTES INC CREAT (EUC-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 14/10/2024 11:39

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

CUMULATIVE ELECTROLYTES (Serum)

Date	Na mmol/L (135 - 145)	K mmol/L (3.5 - 5.2)	Cl mmol/L (95 - 110)	HCO3 mmol/L (22 - 32)	Urea mmol/L (3.0 - 8.0)	Creat umol/L (45 - 90)	Lab.No.
13/10/24 00:00	138	4.2	106	26	4.7	55	84868961

eGFR : > 90 mL/min/1.73m²

EGFR by CKD-EPI formula (Med J Aust 2012; 197:222 -223).

84868961

Instrument: Siemens Atellica

Requested Tests : MTH*, VID, TPO*, TF*, LFT, EUC, CRP, LZP*, QDW*, LPD, IRS*, INS*, HOR*, HAE, GL, DTM*, DHE*, BF*, AND*

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-85993751-OC-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: OCCULT BLOOD (OC-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 15/10/2024 08:39

Clinical notes: Nil.

Clinical Notes : Nil.

IMMUNOLOGICAL TEST FOR FAECAL HAEMOGLOBIN

Date of Collection: 12/10/24
Specimen 1: Negative

Requested Tests : OC

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164

Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-QDW-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: COELIAC SCREEN (QDW-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 15/10/2024 15:24

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

COELIAC DISEASE SEROLOGY

Gliadin IgG (deamidated peptide)	Negative	0.6 FLU (< 11.0)
TTG IgA (human recombinant)	Negative	1.0 FLU (< 17.0)

Negative serology makes the diagnosis of untreated coeliac disease unlikely provided the patient is on a gluten containing diet.

If a strong clinical suspicion exists, genetic testing for coeliac disease (HLA DQ2/DQ8) should be considered. A negative result for DQ2/DQ8 makes the diagnosis of coeliac disease highly unlikely. A small bowel biopsy may be required in the event of a positive DQ2/DQ8 result.

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

Requested Tests : MTH*, VID, TPO, TF, LFT, EUC, CRP, LZP*, QDW, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-LZP-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: HL7 ZINC SERUM (LZP-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 16/10/2024 09:24

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

SERUM/PLASMA TRACE ELEMENTS

Zinc	13.0 umol/L	(10.0-18.0)
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Requested Tests : MTH*, VID, TPO, TF, LFT, EUC, CRP, LZP, QDW, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-MTH-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: MTHFR (MTH-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 23/10/2024 12:44

Grove Medical Victoria Park, 1009-1015 Albany Highway, East Vic Park WA 6102.
Phone: 08-6255-5050. Fax: 08-7905-7207. Email: victoriapark.pa@grove-medical.com.au

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

METHYLENETETRAHYDROFOLATE REDUCTASE (MTHFR) GENOTYPING

Specimen:
Blood

Result:
MTHFR C677T Mutation: DETECTED HOMOZYGOUS
MTHFR A1298C Mutation: Not Detected

Comments:
Hyperhomocysteinaemia is a risk factor for atherosclerotic arterial disease and venous thromboembolism. It is a multifactorial condition with genetic and environmental factors involved; the latter include vitamin deficiencies (B6, B12, folic acid).
Methylene tetrahydrofolate reductase (MTHFR) is an important enzyme in homocysteine metabolism for which homozygotes for the mutation C677T (Ala>Val) in MTHFR typically have elevated plasma homocysteine when folate deplete, although normal when folate replete.
Homocysteine levels in heterozygotes for the C677T mutation are indistinguishable from the normal population.
The evidence for any effect of MTHFR polymorphism is not conclusive, and testing for these genetic variants has minimal clinical utility.
Current American College of Medical Genetics and Genomics guidelines (Hickey S.E et al, Genet Med 2013; 15 (2): 153-156) recommend that MTHFR polymorphisms genotyping should not be ordered in clinical evaluation of thrombophilia, recurrent pregnancy loss or in other family members.

Dr Abhijit Kulkarni MBBS, MD, FRCPATH (UK), FRCPA

Genomic Diagnostics

Requested Tests : MTH, VID, TPO, TF, LFT, EUC, CRP, LZP, QDW, LPD, IRS, INS, HOR, HAE, GL, DTM*, DHE, BF, AND

D'ASCANIO, ALANA
3 TEATRO ST, BEELIAR. 6164
Birthdate: 10/10/1994 **Sex:** F **Medicare Number:** 6282723913
Your Reference: **Lab Reference:** 24-84868961-DTM-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR CHIEH C CHENG **Referred by:** DR CHIEH C CHENG

Name of Test: DEFERRED TEST - MICRO (DTM-0)
Requested: 12/10/2024 **Collected:** 13/10/2024 **Reported:** 28/10/2024 08:20

Clinical notes: General health check preconception.

Clinical Notes : General health check preconception.

INCOMPLETE REQUEST

Test(s): FOBT

Dear Doctor,

Please note that the test(s) listed above, for the stated date of service, were unable to be completed due to technical or specimen collection issues.

Unfortunately, we have not received the requested specimens for this patient. Consequently, to allow finalisation of this referral, these

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Phone: 08-6255-5050. Fax: 08-7905-7207. Email: victoriapark.pa@grove-medical.com.au

tests have now been cancelled. If you still require the test(s) to be performed, could you please re-order at the next consultation.

Requested Tests : MTH, VID, TPO, TF, LFT, EUC, CRP, LZP, QDW, LPD, IRS, INS, HOR, HAE, GL, DTM, DHE, BF, AND