

PIANTADOSI, KELLIE-ANNE
10 ABERDEEN AVE, BENOWA. 4217
Phone: 0417898646
Birthdate: 26/07/1968 Sex: F Medicare Number: 5097386197
Your Reference: 00012088 Lab Reference: 646779973-D-D060
Laboratory: SNP
Addressee: DR CORNE MARE Referred by: DR CORNE MARE

Name of Test: MTHFR
Requested: 09/08/2019 Collected: 13/08/2019 Reported: 20/08/2019
17:52

Clinical Notes : Review general check-up

MTHFR Genotyping

Specimen	EDTA Blood
MTHFR C677T	* Heterozygous Mutation Detected
MTHFR A1298C	* Heterozygous Mutation Detected

Please note these variants are known as c.665C>T, p.Ala222Val and c.1286A>C, p.Glu429Ala, according to HGVS nomenclature;
RefSeqGene: NM_005957.4.

Comments on Collection 646779973

This patient is heterozygous for both the thermolabile variant of the MTHFR gene (c.665C>T) and the A1298C variant (c.1286A>C). This combination of genotypes is unlikely to be clinically significant (Hickey et al., Genet Med 2013;15(2):153-156).

Test Information:

Testing was carried out by real-time PCR for two variants of the MTHFR gene, c.665C>T (p.Ala222Val, also known as "C677T") and c.1286A>C (p.Glu429Ala, also known as "A1289C").

NPAAC guidelines suggest that corroboration of genetic test results should be considered - e.g. by reference to other clinical or laboratory information or by repeat testing as genetic tests may have medical implications for both the patient and their genetic relatives.
For clinician enquiries regarding these results, please contact Dr James Harraway (07 3377 8666).

RS

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

Tests Completed: Iron Studies, E/LFT, MTHFR Gene, Vitamin B12, LH, FSH, Oestradiol, Progesterone, Testosterone, Homocysteine, DHEAS, Vitamin D, Cortisol AM, Histamine, FBE, ESR

Tests Pending :
Sample Pending :

*Hcy: Homocysteine level ??

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 10 ABERDEEN AVE, BENOWA. 4217
 Phone: 0417898646
 Birthdate: 26/07/1968 Sex: F Medicare Number: 5097386197
 Your Reference: 00012088 Lab Reference: 646779973-C-H245
 Laboratory: SNP
 Addressee: DR CORNE MARE Referred by: DR CORNE MARE

Name of Test: .ANAEMIA
 Requested: 09/08/2019 Collected: 13/08/2019 Reported: 14/08/2019
 05:52

Clinical Notes : Review general check-up

Iron Deficiency!!

Haematinics

Date	04/01/19	13/08/19		Units	Reference
Time F-Fast	1330	0711 F			
Lab Id.	645848944	646779973			
Iron	11	16		umol/L	(5-30)
Transferrin	3.2 H	3.6 H		g/L	(1.9-3.1)
TIBC	80 H	90 H		umol/L	(47-77)
Trans Sat	14 L	18 L		%	(20-45)
Ferritin	45	17 L		ug/L	(30-300)
Vitamin B12	791	1430		pmol/L	(>150)

Comments on Collection 13/08/19 0711 F:
 Iron Studies

Consistent with iron deficiency. During reproductive years, iron deficiency in women commonly reflects menstrual losses or multiparity. However, a low dietary iron intake should also be considered, and investigation of the GIT for a source of blood loss may be indicated.

As of 19th Jul 2019 all patients with low or equivocal vitamin B12 results (375 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.
 Both tests are now Medicare rebateable. Vitamin B12 concentrations over 375 pmol/L are generally considered replete.

EA

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Tests Completed: Iron Studies, E/LFT, Vitamin B12, LH, FSH, Oestradiol, Progesterone, Testosterone, Homocysteine, DHEAS, Cortisol AM, FBE, ESR

Tests Pending : MTHFR Gene, Vitamin D, Histamine
 Sample Pending :

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 10 ABERDEEN AVE, BENOWA. 4217
 Phone: 0417898646
 Birthdate: 26/07/1968 Sex: F Medicare Number: 5097386197
 Your Reference: 00012088 Lab Reference: 646779973-E-E199
 Laboratory: SNP
 Addressee: DR CORNE MARE Referred by: DR CORNE MARE
 Name of Test: S- FERTILITY HORMONES
 Requested: 09/08/2019 Collected: 13/08/2019 Reported: 14/08/2019
 05:52

Clinical Notes : Review general check-up

Gonadal Hormones

FSH	34	IU/L
LH	23	IU/L
Oestradiol	<50	pmol/L
Progesterone	<0.5	nmol/L

Reference Limits	FSH IU/L	LH IU/L	Oestradiol pmol/L	Progesterone nmol/L
Follicular	2 - 10	2 - 7	110 - 180	<0.5 - 2.5
Mid-Cycle	7 - 24	9 - 74	550 - 1650	2.5 - 12.0
Luteal	1 - 10	1 - 9	180 - 840	12.0 - 90.0
Menopausal	20 - 140	10 - 65	<200	<2.2
O/C	<5	<9	<80	<1.5

Comments on Collection 646779973

Falsely elevated Abbott oestradiol levels may be seen in patients on fulvestrant (FASLODEX) or mifepristone (MIFEGYNE, MIFEPRE) therapies. This elevation can be observed in patients treated with mifepristone for up to two weeks post treatment.

EA

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Tests Completed: Iron Studies, E/LFT, Vitamin B12, LH, FSH, Oestradiol, Progesterone, Testosterone, Homocysteine, DHEAS, Cortisol AM, FBE, ESR

Tests Pending : MTHFR Gene, Vitamin D, Histamine

Sample Pending :

Review Pelvic USS.
 on HRT PV bleeding.

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Your Reference: 00012088 Lab Reference: 646779973-E-E405
Laboratory: SNP
Addressee: DR CORNE MARE Referred by: DR CORNE MARE

Name of Test: S-VITAMIN D
Requested: 09/08/2019 Collected: 13/08/2019 Reported: 14/08/2019
14:52

Clinical Notes : Review general check-up

25 Hydroxy Vitamin D

25-OH Vitamin D

51

nmol/L (50 - 150)

(80 - 100)

Comments on Collection 646779973

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)

Mild vitamin D deficiency: 30-49 nmol/L

Moderate vitamin deficiency: 12.5-29 nmol/L

Severe vitamin D deficiency: < 12.5 nmol/L

LK

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Tests Pending : MTHFR Gene, Histamine

Sample Pending :

Vit D3 spray/drops

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 10 ABERDEEN AVE, BENOWA. 4217
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 Your Reference: 00012088 Lab Reference: 646779973-C-C140
 Laboratory: SNP
 Addressee: DR CORNE MARE Referred by: DR CORNE MARE

Name of Test: S- ROUTINE CHEMISTRY
 Requested: 09/08/2019 Collected: 13/08/2019 Reported: 14/08/2019
 05:52

Clinical Notes : Review general check-up

Chemistry (serum)

Date	04/01/19	13/08/19		
Time F-Fast	1330	0711 F		
Lab Id.	645848944	646779973	Units	Reference
Sodium	143	139	mmol/L	(135-145)
Potassium	4.2	4.2	mmol/L	(3.5-5.5)
Chloride	107	105	mmol/L	(95-110)
Bicarbonate	32	29	mmol/L	(20-32)
Anion Gap	4	5	mmol/L	(<16)
Calcium (Corr.)	2.51	2.32	mmol/L	
(2.10-2.60)				
Phosphate	1.16	1.11	mmol/L	
(0.80-1.50)				
Urea	5.5	4.4	mmol/L	(3.0-8.0)
Urate	0.384	0.330	mmol/L	
(0.150-0.400)				
Creatinine	73	65	umol/L	(45-85)
eGFR	83	>90		(>59)
Fast. Glucose		5.0	mmol/L	(3.6-6.0)
Random Glucose	6.2		mmol/L	(3.6-7.7)
Total Protein	77	67	g/L	(63-80)
Albumin	41	39	g/L	(32-44)
Globulin	36	28	g/L	(23-43)
T Bilirubin	6	7	umol/L	(<16)
ALP	85	59	U/L	(30-115)
AST	24	14	U/L	(10-35)
ALT	28	13	U/L	(5-30)
GGT	34	14	U/L	(5-35)
LDH	206	185	U/L	(120-250)
Cholesterol	8.6 H	6.5 H →	mmol/L	(3.9-5.5)
Haemolysis Index	8	3		(<40)

Comments on Collection 13/08/19 0711 F:
 E/LFT

CA

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Tests Completed: Iron Studies, E/LFT, Vitamin B12, LH, FSH, Oestradiol, Progesterone, Testosterone, Homocysteine, DHEAS,

High Cholesterol.
 STOP Cheese!
 ↓ Sugar.