



**DOUGLASS
HANLY MOIR**
PATHOLOGY
Quality is in our DNA

This facsimile is intended for the referrer specified below.
The contents are confidential and contain legally privileged information.
If you have received this document in error, please telephone
Douglass Hanly Moir Pathology immediately on 1800 222 365.
NATA Accreditation No. 2178

Dr Claudia Nicholson

SAPPHIRE MED CTR
Shop 2 & 3
95-99 Bronte Road
BONDI JUNCTION 2022

Copies: Prof D Wakefield

N6806
ESX/ESX/ESX/---/---

Ph: 0293822403

Margo EFROSSYNIS

Lab ID : **846454120**

25 Denning St
Coogee 2034

DOB : 05/09/1956 (64 Yrs)
Sex : Female
Ph : 0419988044

Your Ref :

Requested : 07/10/2020
Collected : 08/10/2020 08:44
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Haematology

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
Haemoglobin	128	124	127	125	124	g/L	(119-160)
RCC	4.4	4.1	4.3	4.1	4.2	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.39	0.37	0.38	0.38	0.38		(0.35-0.48)
MCV	88	90	87	92	90	fL	(80-100)
MCH	28.8	30.3	29.3	30.3	29.3	pg	(27.0-32.0)
MCHC	327	337	336	329	326	g/L	(310-360)
RDW	12.9	13.0	14.3	13.2	13.1		(10.0-15.0)
WCC	4.4	5.7	4.0	6.7	4.6	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.14	3.74	2.15	3.61	2.79	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.18	1.19	1.08	2.00	1.08	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.38	0.36	0.34	0.62	0.37	x10 ⁹ /L	(0.0-1.0)
Eosinophils	*0.56	0.32	0.32	0.40	0.24	x10 ⁹ /L	(0.0-0.5)
Basophils	0.09	0.07	0.08	0.07	0.07	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	242	308	240	260	315	x10 ⁹ /L	(150-450)
ESR		17	12	1	28	mm/h	(1-35)

Code Key

:I = Insufficient specimen

Comment on Lab ID 846454120

Full blood count is within reference limits

CRP (High Sens)

Date	22/01/16	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	09:05	09:14	08:42		08/10/20		
Lab ID	248809421	295578047	299866942	844076801	846454120		
CRP	0.8	2.9	2.3	2.2	*6.0	mg/L	(0.0-5.0)

Tests Completed: Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(s), Phos(s), UA(s), Iron(s)
HDL & LIPIDS, Ca(s), CRP(s), Mg(s), TSH(s), Active B12(s), FBC(e), ESR(e). **FINAL REPORT**
Clinical Notes: NO HISTORY

Supervising Pathologist: FH, GC, NT

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Biochemistry

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
Status	Random	Fasting	Fasting	Random	Fasting		
Sodium	141	140	143	139	139	mmol/L	(135-145)
Potassium	4.2	4.0	4.6	4.3	4.6	mmol/L	(3.5-5.5)
Chloride	105	104	107	104	104	mmol/L	(95-110)
Bicarbonate	27	23	23	24	23	mmol/L	(20-32)
Urea	5.7	*2.9	5.4	5.2	3.2	mmol/L	(3.0-8.5)
Creatinine	65	70	65	70	75	umol/L	(45-85)
eGFR	89	82	89	80	75	mL/min/1.73m2	(>59)
Urate	0.33	0.38	0.35	0.33	0.40	mmol/L	(0.15-0.40)
Calcium	2.30	2.22	2.25	2.23	2.33	mmol/L	(2.15-2.55)
Corr Calcium	2.34	2.28	2.31	2.23	2.31	mmol/L	(2.15-2.55)
Magnesium					0.85	mmol/L	(0.65-1.00)
Phosphate	1.14	0.97	1.14	1.01	1.02	mmol/L	(0.8-1.5)
Bili. Total	7	9	8	6	7	umol/L	(3-15)
ALP	49	53	60	48	46	U/L	(30-115)
GGT	13	25	14	16	16	U/L	(5-35)
LD	203	224	202	*266	216	U/L	(120-250)
AST	16	20	15	18	15	U/L	(10-35)
ALT	13	23	11	9	9	U/L	(5-30)
Total Protein	66	69	66	69	73	g/L	(64-83)
Albumin	41	40	40	43	44	g/L	(36-47)
Globulin	25	29	26	26	29	g/L	(23-39)
Cholesterol	*5.7	5.0	*6.1	*6.2	*6.8	mmol/L	(3.9-5.5)
Triglycerides	0.7	1.1	0.9	1.5	1.2	mmol/L	(0.5-1.7)

Comment on Lab ID 846454120

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

Lipids and HDL

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
Status	Random	Fasting	Fasting	Random	Fasting		
Cholesterol	*5.7	5.0	*6.1	*6.2	*6.8	mmol/L	(3.9-5.5)
Triglycerides	0.7	1.1	0.9	1.5	1.2	mmol/L	(0.5-1.7)
HDL Chol.	1.8	1.7	*2.2		1.7	mmol/L	(0.9-2.1)
LDL Chol.	*3.6	2.8	3.5		*4.5	mmol/L	(1.7-3.5)

Comment on Lab ID 846454120

According to current guidelines (Position Statement 2005),
suggested targets are:

- HDL Cholesterol > 1.0 mmol/L
- LDL Cholesterol < 2.0 mmol/L (for patients at high risk)
- < 2.5 mmol/L (for patients at lower risk)
- Triglycerides < 1.5 mmol/L

Tests Completed: Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(s), Phos(s), UA(s), Iron(s)
HDL & LIPIDS, Ca(s), CRP(s), Mg(s), TSH(s), Active B12(s), FBC(e), ESR(e). **FINAL REPORT**
Clinical Notes: NO HISTORY

Supervising Pathologist: GC, NT

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Glucose

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
F Gluc Plasma		5.1				mmol/L	(3.6-6.0)
R Gluc Plasma				4.2		mmol/L	(3.6-7.8)
F Gluc Serum			4.4		4.0	mmol/L	(3.6-6.0)
R Gluc Serum	4.3					mmol/L	(3.6-7.8)

Comment on Lab ID 846454120

Diabetes is unlikely if fasting glucose levels are less than 5.5 mmol/L but an OGTT could be indicated in the presence of risk factors such as metabolic syndrome, past gestational diabetes, polycystic ovary or family history of type 2 diabetes.

Iron Studies

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
Iron				9.3	13.7	umol/L	(5.0-30.0)
Transferrin				2.4	2.8	g/L	(2.0-3.2)
TIBC (Calc)				54	62	umol/L	(46-70)
Saturation				17	22	%	(10-45)
Ferritin	86	107	43	53	63	ug/L	(30-300)

Thyroid Function

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
TSH	1.72	1.23	1.55	0.98	1.13	mIU/L	(0.40-4.00)

B12/Folate/RCF

Date	16/08/17	15/12/18	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	09:14	08:42		08/10/20		
Lab ID	283150100	295578047	299866942	844076801	846454120		
Vitamin B12	319	* > 4427	255			pmol/L	(135-650)
S.Fol (Abbott)	13.6	18.0	14.6	19.1	26.1	nmol/L	(>7.0)

Active B12

Date	16/08/17	11/10/19	09/03/20	Current Result	Units	Reference
Time	08:41	08:42		08/10/20		
Lab ID	283150100	299866942	844076801	846454120		
Active B12	79	99	94	> 128	pmol/L	(>35)

Tests Completed: Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(s), Phos(s), UA(s), Iron(s)
HDL & LIPIDS, Ca(s), CRP(s), Mg(s), TSH(s), Active B12(s), FBC(e), ESR(e). **FINAL REPORT**
Clinical Notes: NO HISTORY

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