

Patient **CHOW Helen** Ph 0412616888
Address 50 Beames Cres, Cannon Valley 4800
Ref by Dr Amra Duvnjak

DOB **09-Dec-1984** Requested 14-Nov-2024
Age 39 Yrs Gender F Collected 15-Nov-2024 08:51 h
Lab 526492964 Printed 16-Nov-2024 01:30 h

Lab Brisbane
Enquiries Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

VIC



**SULLIVAN
NICOLAIDES
PATHOLOGY**

CLINICAL NOTES:
Not Provided

DR AMRA DUVNJAK
INSTANT SCRIPTS
LEVEL 8
637 FLINDERS ST
DOCKLANDS VIC 3008

Thyroid Function	24-Dec-18	07-Mar-20	05-Jun-21	27-Aug-22	30-Sep-23	Latest Results	Reference	Units
	08:37 644445876	08:03 651032019	07:23 651686003	08:19 668431889	08:16 686553288	15-Nov-24 08:51 526492964		
Free T4		12.4					(9.0-19.0)	pmol/L
TSH	2.2	1.3	1.9	2.4	1.7	2.0	(0.3-3.5)	mIU/L

Comments on Collection 15-Nov-24 0851 :
Euthyroid

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CLINICAL NOTES:
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Chemistry	24-Dec-18	07-Mar-20	05-Jun-21	27-Aug-22	30-Sep-23	Latest Results	Reference	Units
	08:37 644445876	08:03 651032019	07:23 651686003	08:19 668431889	08:16 686553288	15-Nov-24 08:51 526492964		
Sodium	138	137	136	136	137	139	(135-145)	mmol/L
Potassium	3.7	3.9	3.4 L	3.5	3.9	3.5	(3.5-5.5)	mmol/L
Chloride	103	103	101	101	102	103	(95-110)	mmol/L
Bicarbonate	28	27	27	27	26	28	(20-32)	mmol/L
Anion Gap	7	7	8	8	9	8	(<16)	mmol/L
Calcium (Corr.)	2.33	2.32	2.28	2.26	2.28	2.32	(2.10-2.60)	mmol/L
Phosphate	1.27	1.17	1.38	1.23	1.21	1.35	(0.80-1.50)	mmol/L
Urea	4.2	4.4	5.9	6.2	5.2	6.0	(2.5-7.0)	mmol/L
Urate	0.302	0.285	0.296	0.292	0.293	0.302	(0.150-0.400)	mmol/L
Creatinine	74	71	72	67	69	72	(45-85)	umol/L
eGFR	>90	>90	>90	>90	>90	>90	(>59)	
Fast. Glucose	4.5	4.3	4.0	3.9	4.5	4.0	(3.6-6.0)	mmol/L
Total Protein	73	75	75	77	76	79	(64-81)	g/L
Albumin	39	39	41	41	41	45	(33-46)	g/L
Globulin	34	36	34	36	35	34	(23-43)	g/L
T Bilirubin	13	13	13	13	13	14	(<16)	umol/L
ALP	48	42	41	47	38	40	(20-105)	U/L
AST	21	26	26	23	22	25	(10-35)	U/L
ALT	16	17	15	12	11	15	(5-30)	U/L
GGT	14	10	10	11	11	15	(5-35)	U/L
LD	189	170	171	185	177		(<250)	U/L
Cholesterol	3.8 L	4.6	5.1	4.7	5.0	5.4	(<5.6)	mmol/L
Triglyceride		0.4 L	0.6	0.5	0.7	0.5	(<2.1)	mmol/L
Magnesium						0.93	(0.70-1.10)	mmol/L
Haemolysis Index	5	5	1	4	5	4	(<40)	mg/dL

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CLINICAL NOTES:
Not Provided

Lipid Profile	24-Dec-18	07-Mar-20	05-Jun-21	27-Aug-22	30-Sep-23	Latest Results	Reference	Units
	08:37 644445876	08:03 651032019	07:23 651686003	08:19 668431889	08:16 686553288	15-Nov-24 08:51 526492964		
Cholesterol	3.8 L	4.6	5.1	4.7	5.0	5.4	(<5.6)	mmol/L
Triglyceride		0.4 L	0.6	0.5	0.7	0.5	(<2.1)	mmol/L
HDL		1.72	1.71	1.80	1.71	1.96	(>1.09)	mmol/L
LDL		2.7	3.1	2.7	3.0	3.2	(<4.1)	mmol/L
Chol/HDL Ratio		2.7	3.0	2.6	2.9	2.8	(<4.6)	
Non HDLC			3.39	2.90	3.29	3.44	(<3.81)	mmol/L

Comments on Collection 15-Nov-24 0851 : HDL-Cholesterol
LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:
The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol <4.0 mmol/L
HDL-Cholesterol >=1.00 mmol/L
Fasting Triglycerides <2.0 mmol/L
Non-HDL Cholesterol <2.5 mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

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Lab 526492964 Printed 16-Nov-2024 01:40 h

Lab Brisbane
Enquiries Drs Daley, Kanowski, Price (07)3377 8666 Biochemistry

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CLINICAL NOTES:
Not Provided

Haematinics	07-Mar-20	05-Jun-21	05-Jun-21	27-Aug-22	30-Sep-23	Latest Results	Reference	Units
	08:03 651032019	07:21 651686008	07:23 651686003	08:19 668431889	08:16 686553288	15-Nov-24 08:51 526492964		
Iron	22		16			19	(5-30)	umol/L
Transferrin	2.1		1.9			2.1	(1.9-3.1)	g/L
TIBC	52		48			54	(47-77)	umol/L
Trans Sat	42		33			35	(20-45)	%
Ferritin	38		62	59	56	90	(30-250)	ug/L
CRP	<1						(<5)	mg/L
Vitamin B12	329	283					(>150)	pmol/L
Active B12	60	74					(>35)	pmol/L
Folate serum	36	36					(>7.0)	nmol/L

Comments on Collection 15-Nov-24 0851 : Iron Studies
Normal Iron Status.

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Lab 526492964 Printed 16-Nov-2024 07:52 h

Lab Brisbane
Enquiries Drs Rowbotham, Wordsworth, Keng (07)3377 8666 Haematology

VIC



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CLINICAL NOTES:
Not Provided

Haematology	07-Mar-20	23-Jun-20	05-Jun-21	27-Aug-22	30-Sep-23	Latest Results	Reference	Units
	08:03 651032019	15:40 653631269	07:23 651686003	08:19 668431889	08:16 686553288	15-Nov-24 08:51 526492964		
Haemoglobin	126	129	125	132	131	139	(115-165)	g/L
Haematocrit	0.39	0.39	0.38	0.39	0.40	0.43	(0.35-0.47)	
RCC	4.3	4.3	4.2	4.4	4.3	4.6	(3.9-5.6)	10 [^] 12/L
MCV	91	92	90	90	92	93	(80-100)	fL
WCC	3.4 L	5.1	3.9	3.9	4.3	3.8	(3.5-12.0)	10 [^] 9/L
Neutrophils	1.84	3.19	2.30	2.30	2.70	2.28	(1.5-8.0)	10 [^] 9/L
Lymphocytes	1.15	1.41	1.18	1.15	1.07	1.07	(1.0-4.0)	10 [^] 9/L
Monocytes	0.26	0.39	0.33	0.25	0.30	0.27	(0-0.9)	10 [^] 9/L
Eosinophils	0.06	0.08	0.06	0.13	0.19	0.18	(0-0.6)	10 [^] 9/L
Basophils	0.04	0.04	0.02	0.04	0.03	0.03	(0-0.15)	10 [^] 9/L
Platelets	162	192	179	190	181	193	(150-400)	10 [^] 9/L

Pathology report

CHOW, HELEN
FEMALE, 1984-12-09, 4300259128
50 BEAMES CRES, CANNON VALLEY QLD 4800

Requested: 2024-11-14 00:00:00
Collected: 2024-11-15 08:51:10
Completed: 2024-11-15 08:51:10

Observations

Test	Value	Unit	Range
25-OH Vitamin D	89	nmol/L	50-150
S-VITAMIN D	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		
S-VITAMIN D			
S-VITAMIN D	Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964		
S-VITAMIN D	Tests Completed: EUCG,Cholesterol,Phosphate,Triglyceride,Urate,HDL-Cholesterol,Calcium(Corr),Iron Studies,Magnesium ,Liver Function Tests,TSH,Vitamin D		
S-VITAMIN D	Tests Pending : FBE		
S-VITAMIN D	Sample Pending :		

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Full message

Sample Pending :