

DR MICHELLE D MCWANN
INSTANT SCRIPTS
LEVEL 8
637 FLINDERS ST
DOCKLANDS VIC 3008



**Sullivan
Nicolaides**
PATHOLOGY

SULLIVAN NICOLAIDES PTY LTD
ABN 38 078 202 196
NATA/RCPA Accreditation No 1964

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Patient **GRIFFITHS Bobbylee** Ph 0438731088
Address 30 Valley Dr, Cannonvale 4802
Ref by Dr Michelle D Mcwann

DOB **18-Jun-1982** Requested 31-Oct-2024
Age 42 Yrs Gender F Collected 02-Nov-2024 07:59 hrs
Lab 526105319 Printed 03-Nov-2024 14:22 hrs

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

Chemistry	Latest Results						Reference	Units
	04-May-17	19-Jun-17	13-Aug-22	24-Jun-23	26-Oct-24	02-Nov-24		
	Ukwn	07:44	08:21	09:52	07:24	07:59		
	634753987	637483467	668329193	682553948	526105205	526105319		
Sodium	137			138	139	136	(135-145)	mmol/L
Potassium	3.9			3.9	4.2	4.1	(3.5-5.5)	mmol/L
Chloride	102			107	109	106	(95-110)	mmol/L
Bicarbonate	26			21	23	21	(20-32)	mmol/L
Anion Gap	9			10	7	9	(<16)	mmol/L
Calcium (Corr.)	2.29			2.12	2.24	2.22	(2.10-2.60)	mmol/L
Phosphate	1.0			0.86	0.97	1.01	(0.80-1.50)	mmol/L
Urea	4.1			4.8	4.7	4.7	(2.5-7.0)	mmol/L
Urate	0.30			0.293	0.287		(0.150-0.400)	mmol/L
Creatinine	55			60	56	58	(45-85)	umol/L
eGFR	>90			>90	>90	>90	(>59)	
Fast. Glucose		4.7	4.8	5.2	5.5	5.8	(3.6-6.0)	mmol/L
Random Glucose	5.1						(3.2-7.7)	mmol/L
Total Protein	78			75	70	72	(64-81)	g/L
Albumin	44			44	41	43	(33-46)	g/L
Globulin	34			31	29	29	(23-43)	g/L
T Bilirubin	7			6	7	<5	(<16)	umol/L
ALP	63			73	68	84	(20-105)	U/L
AST	21			16	19	19	(10-35)	U/L
ALT	16			20	20	20	(5-30)	U/L
GGT	30			40 H	43 H	39 H	(5-35)	U/L
LD	181			139	130		(<250)	U/L
Cholesterol	5.5		5.2	5.0	5.7 H	5.8 H	(<5.6)	mmol/L
Triglyceride			1.0	0.8	1.1	0.6	(<2.1)	mmol/L
Magnesium						0.86	(0.70-1.10)	mmol/L
Haemolysis Index	27		7	6	6	3	(<40)	mg/dL

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Lipid Profile	Latest Results						Reference	Units
	14-Dec-16	04-May-17	13-Aug-22	24-Jun-23	26-Oct-24	02-Nov-24		
	15:20	Ukwn	08:21	09:52	07:24	07:59		
	633133692	634753987	668329193	682553948	526105205	526105319		
Cholesterol	6.1 H	5.5	5.2	5.0	5.7 H	5.8 H	(<5.6)	mmol/L
Triglyceride			1.0	0.8	1.1	0.6	(<2.1)	mmol/L
HDL			1.59	1.59	1.77	1.84	(>1.09)	mmol/L
LDL			3.2	3.0	3.5	3.7	(<4.1)	mmol/L
Chol/HDL Ratio			3.3	3.1	3.2	3.2	(<4.6)	
Non HDLC			3.61	3.41	3.93 H	3.96 H	(<3.81)	mmol/L

Comments on Collection 02-Nov-24 0759 : 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).