

CHANG, KEARNY
 36 BARCLAY RD, CAIRNS. 4870
Phone: 40551765
Birthdate: 24/11/1951 **Sex:** M **Medicare Number:** 43058275691
Your Reference: **Lab Reference:** 25-78312528-25T-0
Laboratory: QML Pathology
Addressee: DR SURESH KESAVAN **Referred by:** DR SURESH KESAVAN

Name of Test: E/LFT (MASTER)
Requested: 20/04/2025 **Collected:** 22/04/2025 **Reported:** 22/04/2025
 11:17

CUMULATIVE SERUM BIOCHEMISTRY				
Date	20/02/24	06/08/24	14/11/24	22/04/25
Time	07:07	10:12	07:12	06:51
Lab No	69726037	76669831	74752813	78312528
	FASTING	RANDOM	FASTING	FASTING
Sodium	- 135	- 136	- 135	- 134 mmol/L (137-147)
Potass.	4.2	4.7	4.6	4.5 mmol/L (3.5-5.0)
Chloride	97	99	104	98 mmol/L (96-109)
Bicarb	25	27	26	31 mmol/L (25-33)
An.Gap	17	15	10	10 mmol/L (4-17)
Gluc	+++ 14.6	++ 9.5	+++ 12.3	+++ 16.7 mmol/L (3.0-6.0)
Urea	+ 11.4	+ 11.4	+ 10.9	7.6 mmol/L (3.0-8.5)
Creat	86	93	94	83 umol/L (60-140)
eGFR	77	70	69	80 mL/min (over 59)
Urate	0.32	0.33	0.26	0.31 mmol/L (0.12-0.45)
T.Bili	10	14	9	13 umol/L (2-20)
Alk.P	66	52	57	63 U/L (30-115)
GGT	+ 88	+++ 126	+ 87	+ 81 U/L (0-70)
ALT	29	33	31	29 U/L (0-45)
AST	21	30	24	22 U/L (0-41)
LD	164	177	162	167 U/L (80-250)
Calcium	2.47	2.54	2.47	2.44 mmol/L (2.15-2.60)
C.Ca	2.29	2.36	2.43	2.34 mmol/L (2.15-2.60)
Phos	1.2	1.3	1.2	1.0 mmol/L (0.8-1.5)
T.Prot	71	72	66	67 g/L (60-82)
Alb	49	49	44	46 g/L (35-50)
Glob	22	23	22	21 g/L (20-40)
Chol	6.8	- 3.5	4.7	6.6 mmol/L (3.6-7.3)
Trig	+++ 10.4	+ 2.5	2.1	+++ 6.7 mmol/L (0.3-2.2)
Lab No	69726037	76669831	74752813	78312528
Date	20/02/24	06/08/24	14/11/24	22/04/25

Clinical Notes : Check up-type 2 diabetes.

Tests Completed:SE E/LFT
 Tests Pending :FBC, UR MICROALBUMIN, SE HDL, BL HBA1C

CHANG, KEARNY
 36 BARCLAY RD, CAIRNS. 4870
 Phone: 40551765
 Birthdate: 24/11/1951 Sex: M Medicare Number: 43058275691
 Your Reference: Lab Reference: 25-78312528-HDL-0
 Laboratory: QML Pathology
 Addressee: DR SURESH KESAVAN Referred by: DR SURESH KESAVAN
 Name of Test: HDL CHOLESTEROL, SERUM
 Requested: 20/04/2025 Collected: 22/04/2025 Reported: 23/04/2025
 14:48

CUMULATIVE LIPID RISK REPORT

Date	25/08/23	14/11/24	22/04/25	
Time	07:55	07:12	06:51	
Lab No	73610578	74752813	78312528	
	FASTING	FASTING	FASTING	
				Target if HIGH RISK
Total Cholesterol	6.8	4.7	6.6 mmol/L	(below 4.0)
Triglycerides	10.3	2.1	6.7 mmol/L	(below 2.0)
CHOLESTEROL FRACTIONS				
HDL	1.07	1.29	1.09 mmol/L	(above 1.0)
LDL (calculated)*		2.46		mmol/L (below 2.5)
Non-HDL cholesterol*	5.73	3.41	5.51 mmol/L	(below 3.3)
Total/HDL ratio**	6.4	3.6	6.1	

* Secondary prevention LDL and non-HDL cholesterol targets are lower.

** The ratio is for use with the cardiovascular risk calculator.

Web-search: "Australian cardiovascular risk calculator"

78312528 Treatment is recommended if clinically indicated or if calculated risk exceeds 15% absolute risk of CVD events over 5 years.

NVDPA 2012 Target ranges refer to HIGH RISK PATIENTS.

As of 7/3/22 LDL will no longer be measured routinely. LDL results will be calculated, in accordance with National harmonisation.

Calculation of LDL cholesterol levels is invalid when triglyceride levels are > 4.4 mmol/L. Direct LDL measurement is available for triglyceride levels between 4.5 - 10 mmol/L on request.

Clinical Notes : Check up-type 2 diabetes.

Tests Completed:FBC, SE E/LFT, UR MICROALBUMIN, SE HDL, BL HBA1C

Tests Pending :

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 36 BARCLAY RD, CAIRNS. 4870
Phone: 40551765
Birthdate: 24/11/1951 **Sex:** M **Medicare Number:** 43058275691
Your Reference: **Lab Reference:** 25-78312528-CBC-0
Laboratory: QML Pathology
Addressee: DR SURESH KESAVAN **Referred by:** DR SURESH KESAVAN

Name of Test: MASTER FULL BLOOD COUNT
Requested: 20/04/2025 **Collected:** 22/04/2025 **Reported:** 23/04/2025
 11:55

CUMULATIVE FULL BLOOD EXAMINATION					
Date	25/08/23	06/08/24	14/11/24	22/04/25	
Time	07:55	10:12	07:12	06:51	
Lab No	73610578	76669831	74752813	78312528	
Hb	154	169	159	166	g/L (125-180)
RCC	5.6	6.0	5.7	5.9	x10 ¹² /L (3.8-6.0)
Hct	0.47	0.50	0.48	0.52	(0.34-0.52)
MCV	84	85	85	88	fL (80-98)
MCH	28	28	28	28	pg (27-35)
Plats	162	183	195	158	x10 ⁹ /L (150-450)
WCC	6.3	6.2	6.8	5.3	x10 ⁹ /L (4.0-11.0)
Neuts	3.5	3.5	4.1	2.9	x10 ⁹ /L (2.0-7.5)
Lymphs	1.8	1.7	1.4	1.4	x10 ⁹ /L (1.1-4.0)
Monos	0.6	0.6	0.6	0.5	x10 ⁹ /L (0.2-1.0)
Eos	0.32	0.25	0.54	0.42	x10 ⁹ /L (0.04-0.40)
Basos	0.13	0.12	0.14	0.11	x10 ⁹ /L (< 0.21)
E.S.R.			2		mm/hr (1-20)

78312528 **Automated Comment:**
 As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

Eosinophilia - this may be seen in Atopic conditions. Correlate Clinically. Consider IgE +/- RAST.

**** FINAL REPORT - Please destroy previous report ****

Clinical Notes : Check up-type 2 diabetes.

Tests Completed:FBC, SE E/LFT
 Tests Pending :UR MICROALBUMIN, SE HDL, BL HBA1C

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Phone: 40551765
Birthdate: 24/11/1951 **Sex:** M **Medicare Number:** 43058275691
Your Reference: **Lab Reference:** 25-78312528-UMA-0
Laboratory: QML Pathology
Addressee: DR SURESH KESAVAN **Referred by:** DR SURESH KESAVAN

Name of Test: MICROALBUMIN, URINE
Requested: 20/04/2025 **Collected:** 22/04/2025 **Reported:** 23/04/2025
 12:56

CUMULATIVE URINE ALBUMIN (MICROALBUMIN)					
	16/05/22	10/11/23	22/04/25		
Date	16/05/22	10/11/23	22/04/25		
Time	07:25	08:26	06:51		
Lab No	69986338	73614462	78312528		
Albumin	7	< 3	3	mg/L	(0-30)
Creatinine	4.6	3.6	5.3	mmol/L	
Alb/Creat Ratio	1.5	< 0.8	0.6	mg/mmol	(< 2.5)

Exercise within 24 hours prior to collection may transiently increase albumin excretion.

Clinical Notes : Check up-type 2 diabetes.

Tests Completed:FBC, SE E/LFT, UR MICROALBUMIN
 Tests Pending :SE HDL, BL HBA1C

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Your Reference: **Lab Reference:** 25-78312528-A1C-0
Laboratory: QML Pathology
Addressee: DR SURESH KESAVAN **Referred by:** DR SURESH KESAVAN

Name of Test: HAEMOGLOBIN A1C,BLOOD
Requested: 20/04/2025 **Collected:** 22/04/2025 **Reported:** 23/04/2025
 13:59

CUMULATIVE GLYCATED HAEMOGLOBIN

Date	10/11/23	20/02/24	06/08/24	15/01/25	22/04/25
Time	08:26	07:07	10:12	11:00	06:51
Lab No	73614462	69726037	76669831	76211843	78312528
HbA1c Fraction	12.3	11.7	10.0	9.5	10.4 %
in SI units	111	104	85	80	91 mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence of conditions affecting red blood cell survival times, which may lead to either falsely high or falsely low HbA1c results.

HbA1c target levels - Aust Diab Society Position statement Sept 2009
 < 8.1% (<65)- type 1 or 2 DM associated with recurrent hypoglycaemia
 < 7.1% (<54)- GENERAL TARGET includes pregnant type 1 diabetics, long term type 2 and type 2 requiring insulin
 < 6.6% (<49)- recent type 2 DM requiring treatment other than metformin or insulin
 < 6.1% (<43)- recent type 2 DM requiring lifestyle +/- metformin only or pregnant type 2 DM
 Source: MJA 191 (6):339-346, 21 Sept 2009

For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Clinical Notes : Check up-type 2 diabetes.

Tests Completed:FBC, SE E/LFT, UR MICROALBUMIN, BL HBA1C
 Tests Pending :SE HDL