

Patient Health Summary

Name: Mr Carl Kay
Address: 515 Willowite Road
Freshwater Creek 3217

D.O.B.: 26/10/1962
Record No.:
Home Phone:
Work Phone:
Mobile Phone: 0412 212 560

Geelong Medical Health Group
Torquay Medical Health and Wellness Clinic
1-3 Cylinders Drive
Torquay 3228
Ph:0352648838
Fax:0352648843
Email:reception@tmhw.com.au

Printed on 1st March 2024

Investigations:

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 Sex: M Medicare Number: 3127231108
Your Reference: CA24F5CF1B Lab Reference: 968274431-H-H010
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY Referred by: DR JOHN-PAUL DARBY

Name of Test: ED-FULL BLOOD
Requested: 22/02/2024 Collected: 26/02/2024 Reported: 27/02/2024 10:38

Date	26/02/24		
Time F-Fast	0951 F		
Lab Id.	968274431	Units	Reference
HAEMOGLOBIN	159	g/L	(130-180)
Hct	0.51		(0.39-0.51)
RBC	5.4	x10 ¹² /L	(4.3-5.8)
MCV	95	fL	(80-100)
MCH	30	pg	(27-34)
MCHC	312	g/L	(310-360)
RDW	12.7		(11-17)
PLATELETS	223	x 10 ⁹ /L	(150-450)
WHITE CELLS	5.6	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.0	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.8	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.6	x10 ⁹ /L	(0-1.0)
Eosinophils	0.1	x10 ⁹ /L	(0-0.5)
Basophils	0.0	x10 ⁹ /L	(0-0.3)

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: FBE
Tests Pending : IS,FLS,TSH,EUC,LFT,GF,VITD,B12,PSA, A1C
Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 Sex: M Medicare Number: 3127231108
Your Reference: CA24F5CF1B Lab Reference: 968274431-H-E482
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY Referred by: DR JOHN-PAUL DARBY

Name of Test: ED- HBA1C

Requested: 22/02/2024 Collected: 26/02/2024 Reported: 27/02/2024 18:38

Date 26/02/24
Time F-Fast 0951 F
Lab Id. 968274431

	Units	Reference
*HbA1c (NGSP) 5.2	%	(4.4-5.6)
*HbA1c (IFCC) 33	mmol/mol	(25-38)
HAEMOGLOBIN 159	g/L	(130-180)
*eAG 5.7	mmol/L	
A2 (HbA1c) 2.5	%	
Atypical Flag 0		(<1)
Pathological 0		
OPTICAL DENSITY 0.499		(0.06-10.0)
Instrument SN 1088		
Capillary Num 5		
CAP3 WASH SOL18093/01		
CAP3 WASH SOL2026/09		
CAP3 BUFFER S17073/01		
CAP3 BUFFER S2026/07		
CAP3 LYSING S22063/01		
CAP3 LYSING S2026/06		

Comments on Collection 26/02/24 0951 F:
HbA1c is Medicare rebateable, once per year, for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq 6.5\%$ (48 mmol/mol) in patients with normal red cell turnover.
For clinical enquiries, please contact Chemical Pathologist Dr Andrew Carter on 9287 7720.

From 19/01/2021 Melbourne Pathology will be using capillary electrophoresis to measure HbA1c. The results are directly comparable to our previous results measured by HPLC but are more precise, and more accurate, in the presence of many haemoglobin variants.

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: A1C, FBE
Tests Pending : IS, FLS, TSH, EUC, LFT, GF, VITD, B12, PSA
Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 Sex: M Medicare Number: 3127231108
Your Reference: CA24F5CF1B Lab Reference: 968274431-C-C010
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY Referred by: DR JOHN-PAUL DARBY

Name of Test: SE-IRON STUDIES
Requested: 22/02/2024 Collected: 26/02/2024 Reported: 28/02/2024 10:08

	Units	Reference
S IRON 19 20	umol/L	(5-30)
S TRF 2.7 2.8	g/L	(2.0-3.2)
S TRF SAT 28 29	%	(10-45)
S FERRITIN 171 128	ng/mL	(30-500)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE
Tests Pending : VITD
Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C012
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-LIPID - HDL/LDL
Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 10:08

Date	26/02/24		
Time F-Fast	0951 F		
Lab Id.	968274431	Units	Reference
S CHOL	5.6 H	mmol/L	(3.5-5.5)
S TRIG	0.7	mmol/L	(<1.7)
S HDL-CHOL	1.86	mmol/L	(>1.00)
S LDL-CHOL	3.4	mmol/L	(<3.5)
S CHOL/HDLC	3.0		(<4.5)
S Non HDLC	3.7	mmol/L	(<3.9)

Comments on Collection 26/02/24 0951 F:
FLS
LIPID TARGET LEVELS:
The treatment target levels for people at high risk of cardiovascular disease are:
Total Cholesterol <4.0 mmol/L
Fasting Triglycerides <2.0 mmol/L
HDL-Cholesterol >1.00 mmol/L
LDL-Cholesterol <2.5 mmol/L (<1.8 mmol/L if very high risk)
Non-HDL Cholesterol <3.3 mmol/L (<2.5 mmol/L if very high risk)

Source: AACB Harmonised Lipid Reporting Guideline - 2018.

Risk Calculator available at www.cvdcheck.org.au

Please note the reference interval for fasting triglycerides has been updated on 1/2/2024. Source: Eur Heart J. 2016 Jul 1;37(25):1944-58.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE
Tests Pending : VITD
Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C053
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-EUC
Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 10:08

Date	10/08/15	17/08/15	26/02/24
Time F-Fast	1400	1500	0951 F

Lab Id.	336557344	336300237	968274431	Units	Reference
S SODIUM	140	140	144	mmol/L	(135-145)
S POTASSIUM	4.9	4.6	5.2	mmol/L	(3.5-5.5)
S CHLORIDE	100	100	107	mmol/L	(95-110)
S BICARB	29	26	30	mmol/L	(20-32)
S UREA	7.1	8.4	7.5	mmol/L	(3.5-9.0)
S CREAT	80	79	88	umol/L	(60-110)
eGFR	>90	>90	81		(>59)

Comments on Collection 26/02/24 0951 F:

EUC

eGFR between 60 and 90 mL/min/1.73m2 could be normal if it is stable over time. Otherwise, consider testing for albuminuria using first morning void if indicated.

For clinical enquiries, please contact Chemical Pathologist

Dr Ken Sikaris on 9287 7720.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE

Tests Pending : VITD

Sample Pending :

KAY, CARL

515 WILLOWHITE RD, FRESHWATER CREEK. 3217

Phone: 0412212560

Birthdate: 26/10/1962 Sex: M Medicare Number: 3127231108

Your Reference: CA24F5CF1B Lab Reference: 968274431-C-C088

Laboratory: Melbourne Pathology

Addressee: DR JOHN-PAUL DARBY Referred by: DR JOHN-PAUL DARBY

Name of Test: SE-LIVER FN.TEST

Requested: 22/02/2024 Collected: 26/02/2024 Reported: 28/02/2024 10:08

Date	10/08/15	17/08/15	29/12/20	26/02/24		
Time F-Fast	1400	1500	1420	0951 F		
Lab Id.	336557344	336300237	363569187	968274431	Units	Reference
S T-BIL	6	5	5	9	umol/L	(4-20)
S ALT	40	34	47 H	22	U/L	(5-40)
S GGT	18	16	19	14	U/L	(5-50)
S ALP	57	56	63	64	U/L	(35-110)
S AST	36	36	52 H	31	U/L	(10-40)
S T-PROTEIN	66	65	70	67	g/L	(63-80)
S ALBUMIN	39	38	41	41	g/L	(34-45)
S GLOBULIN	27	27	29	26	g/L	(23-41)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE

Tests Pending : VITD

Sample Pending :

KAY, CARL

515 WILLOWHITE RD, FRESHWATER CREEK. 3217

Phone: 0412212560

Birthdate: 26/10/1962 Sex: M Medicare Number: 3127231108

Your Reference: CA24F5CF1B Lab Reference: 968274431-C-C185

Laboratory: Melbourne Pathology

Addressee: DR JOHN-PAUL DARBY Referred by: DR JOHN-PAUL DARBY

Name of Test: SE-GLUCOSE-FAST (SERUM)

Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 10:08

Date 26/02/24
Time F-Fast 0951 F
Lab Id. 968274431

Units Reference

S GLU (Fast) 4.4 mmol/L (3.6-6.0)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE

Tests Pending : VITD

Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C339
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-TOTAL VITAMIN B12

Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 10:08

Date 29/12/20 26/02/24
Time F-Fast 1420 0951 F
Lab Id. 363569187 968274431

Units Reference

S TOTAL B12 1270 H 659 pmol/L (200-700)

Comments on Collection 26/02/24 0951 F:
B12

High dose biotin (>5 mg/day) may artefactually increase total Vitamin B12 and Folate results obtained by this method. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).
For clinical enquiries please contact Chemical Pathologist Dr Ken Sikaris on 9287 7720.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE

Tests Pending : VITD

Sample Pending :

KAY, CARL
515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C395
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-PROSTATIC SPEC AG

Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 10:08

Date 26/02/24

Time F-Fast 0951 F
Lab Id. 968274431 Units Reference
 S PSA 1.06 ug/L (0.30-4.5)

Comments on Collection 26/02/24 0951 F:
 PSA
 This PSA result does not indicate a high risk for prostate cancer. If indicated consider follow-up PSA testing in 2 years.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,B12,PSA, A1C,FBE
 Tests Pending : VITD
 Sample Pending :

KAY, CARL
 515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C052
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-TSH(Roche)
Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 11:08

Date 26/02/24
Time F-Fast 0951 F
Lab Id. 968274431 Units Reference
 S TSH(Roche) 1.67 mU/L (0.5-5.5)

Comments on Collection 26/02/24 0951 F:
 TSH
 A normal TSH is consistent with a euthyroid state.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,VITD,B12,PSA, A1C,FBE
 Tests Pending :
 Sample Pending :

KAY, CARL
 515 WILLOWHITE RD, FRESHWATER CREEK. 3217
Phone: 0412212560
Birthdate: 26/10/1962 **Sex:** M **Medicare Number:** 3127231108
Your Reference: CA24F5CF1B **Lab Reference:** 968274431-C-C316
Laboratory: Melbourne Pathology
Addressee: DR JOHN-PAUL DARBY **Referred by:** DR JOHN-PAUL DARBY

Name of Test: SE-VITAMIN D
Requested: 22/02/2024 **Collected:** 26/02/2024 **Reported:** 28/02/2024 11:08

Date 29/12/20 26/02/24
Time F-Fast 1420 0951 F
Lab Id. 363569187 968274431 Units Reference
 S 25OH VIT D 88 119 nmol/L (50-250)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,TSH,EUC,LFT,GF,VITD,B12,PSA, A1C,FBE

Tests Pending :

Sample Pending :