

O'DONNELL, LEONARD
 4 CUTLER CLS, FERNTREE GULLY. 3156
 Phone: 0406771132
 Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
 Your Reference: 77F108EEFA Lab Reference: 968399274-H-H010
 Laboratory: Melbourne Pathology
 Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: ED-FULL BLOOD
 Requested: 03/01/2024 Collected: 09/01/2024 Reported: 09/01/2024
 18:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	16/07/18	02/09/21	01/09/22	09/01/24		
Time F-Fast	1453	0716 F	0815 F	1006 F		
Lab Id.	348651355	368331029	393333782	968399274	Units	Reference
HAEMOGLOBIN	146	153	157	147	g/L	(125-175)
Hct	0.45	0.47	0.48	0.45		(0.39-0.51)
RBC	5.0	5.1	5.2	4.9	x10 ¹² /L	(4.2-5.8)
MCV	90	91	92	92	fL	(80-100)
MCH	29	30	30	30	pg	(27-34)
MCHC	325	329	328	329	g/L	(310-360)
RDW	12.5	12.2	12.3	12.9		(11-17)
PLATELETS	216	191	194	210	x 10 ⁹ /L	(150-450)
WHITE CELLS	4.7	6.5	5.5	6.4	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.4	3.6	2.8	3.7	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.7	2.1	2.0	2.0	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.4	0.5	0.5	0.5	x10 ⁹ /L	(0-1.0)
Eosinophils	0.2	0.3	0.3	0.1	x10 ⁹ /L	(0-0.5)
Basophils	0.0	0.0	0.0	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, GLUF, VITD, PSA, A1C

Sample Pending :

O'DONNELL, LEONARD
 4 CUTLER CLS, FERNTREE GULLY. 3156
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 Laboratory: Melbourne Pathology
 Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-IRON STUDIES
 Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
 14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	09/11/17	02/09/21	01/09/22	09/01/24		
Time F-Fast	0803 F	0716 F	0815 F	1006 F		
Lab Id.	346437275	368331029	393333782	968399274	Units	Reference
S IRON	18	15	16	18	umol/L	(5-30)
S TRF	2.7	2.5	2.6	2.5	g/L	(2.0-3.2)
S TRF SAT	27	24	25	29	%	(10-45)
S FERRITIN	159	149	142	124	ng/mL	(30-500)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

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

O'DONNELL, LEONARD
4 CUTLER CLS, FERNTREE GULLY. 3156
Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C012
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-LIPID - HDL/LDL
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	09/11/17	02/09/21	01/09/22	09/01/24		
Time F-Fast	0803 F	0716 F	0815 F	1006 F		
Lab Id.	346437275	368331029	393333782	968399274	Units	Reference
S CHOL	4.3	4.1	3.7	2.7 L	mmol/L	(3.5-5.5)
S TRIG	0.8	0.7	0.7	0.7	mmol/L	(<1.5)
S HDL-CHOL	1.21	1.12	1.20	1.03	mmol/L	(>1.00)
S LDL-CHOL	2.7	2.7	2.2	1.3	mmol/L	(<3.5)
S CHOL/HDLC	3.6	3.7	3.1	2.6		(<4.5)
S Non HDLC		3.0	2.5	1.7	mmol/L	(<3.9)

Comments on Collection 09/01/24 1006 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

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

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

Tests Pending :

Sample Pending :

O'DONNELL, LEONARD
4 CUTLER CLS, FERNTREE GULLY. 3156
Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C052
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-TSH(Roche)
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	15/12/08	13/07/16	02/09/21	09/01/24		
Time F-Fast	0925	0700	0716 F	1006 F		
Lab Id.	94830239	339050620	368331029	968399274	Units	Reference
S TSH(Roche)	1.3	1.08	3.14	1.70	mU/L	(0.5-6.0)

Comments on Collection 09/01/24 1006 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,GLUF,VITD,PSA, A1C,FBE
Tests Pending :
Sample Pending :

O'DONNELL, LEONARD
 4 CUTLER CLS, FERNTREE GULLY. 3156
 Phone: 0406771132
 Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
 Your Reference: 77F108EEFA Lab Reference: 968399274-C-C053
 Laboratory: Melbourne Pathology
 Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-EUC
 Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
 14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	02/09/21	01/09/22	09/01/24		
Time F-Fast	0716 F	0815 F	1006 F		
Lab Id.	368331029	393333782	968399274	Units	Reference
S SODIUM	143	145	141	mmol/L	(135-145)
S POTASSIUM	4.7	4.5	4.3	mmol/L	(3.5-5.5)
S CHLORIDE	106	105	105	mmol/L	(95-110)
S BICARB	27	29	27	mmol/L	(20-32)
S UREA	6.5	6.7	5.8	mmol/L	(3.5-9.5)
S CREAT	95	92	89	umol/L	(60-115)
eGFR	70	72	75		(>59)

Comments on Collection 09/01/24 1006 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,GLUF,VITD,PSA, A1C,FBE
 Tests Pending :
 Sample Pending :

O'DONNELL, LEONARD
4 CUTLER CLS, FERNTREE GULLY. 3156
Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C088
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-LIVER FN.TEST
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	16/07/18	02/09/21	01/09/22	09/01/24		
Time F-Fast	1453	0716 F	0815 F	1006 F		
Lab Id.	348651355	368331029	393333782	968399274	Units	Reference
S T-BIL	11	14	10	10	umol/L	(4-20)
S ALT	19	15	13	18	U/L	(5-40)
S GGT	25	20	18	19	U/L	(5-50)
S ALP	85	89	102	103	U/L	(35-110)
S AST	20	16	15	19	U/L	(10-40)
S T-PROTEIN	63	59 L	65	62 L	g/L	(63-80)
S ALBUMIN	35	36	37	36	g/L	(34-45)
S GLOBULIN	28	23	28	26	g/L	(23-41)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

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

O'DONNELL, LEONARD
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Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C180
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: GL-GLUCOSE-FAST (PLASMA)
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	04/08/03	09/01/24		
Time F-Fast	1025 F	1006 F		
Lab Id.	83722891	968399274	Units	Reference
P GLU(Fast)	5.2	5.7	mmol/L	(3.6-6.0)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

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

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Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C316
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-VITAMIN D
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	30/05/12	13/07/16	09/01/24		
Time F-Fast	0730	0700	1006 F	Units	Reference
Lab Id.	316553496	339050620	968399274		
S 25OH VIT D	49 L	47 L	50	nmol/L	(50-250)

Comments on Collection 09/01/24 1006 F:
VITD
Vitamin D levels should ideally be above 50 nmol/L in winter and 70 nmol/L in summer. Levels above 75 nmol/L may be desirable in people with osteoporosis or falls.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

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

O'DONNELL, LEONARD
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Phone: 0406771132
Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
Your Reference: 77F108EEFA Lab Reference: 968399274-C-C395
Laboratory: Melbourne Pathology
Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: SE-PROSTATIC SPEC AG
Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	09/01/24		
Time F-Fast	1006 F		
Lab Id.	968399274	Units	Reference
S PSA	0.55	ug/L	(0.3-6.5)

Comments on Collection 09/01/24 1006 F:
PSA

This PSA result does not indicate a high risk for prostate cancer. In asymptomatic men aged 70 years or above further PSA testing is not recommended unless life expectancy exceeds 7 years.

Dept Supervising Pathologist: Dr Andrew Carter

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

O'DONNELL, LEONARD
 4 CUTLER CLS, FERNTREE GULLY. 3156
 Phone: 0406771132
 Birthdate: 14/06/1952 Sex: M Medicare Number: 3089924121
 Your Reference: 77F108EEFA Lab Reference: 968399274-H-E482
 Laboratory: Melbourne Pathology
 Addressee: DR ATIF MAZHAR Referred by: DR ATIF MAZHAR

Name of Test: ED- HBA1C
 Requested: 03/01/2024 Collected: 09/01/2024 Reported: 10/01/2024
 14:06

Clinical notes: Checkup. Fasting.

Clinical Notes : Checkup. Fasting.

Date	13/07/16	09/11/17	01/09/22	09/01/24		
Time F-Fast	0700	0803 F	0815 F	1006 F		
Lab Id.	339050620	346437275	393333782	968399274	Units	Reference
HBA1C	5.4	5.4	5.4	5.7 H	%	(4.4-5.6)
HBA1c (IFCC)	35	35	36	39 H	mmol/mol	(25-38)
HAEMOGLOBIN	164	158	157	147	g/L	(125-175)
eAG	6.0	6.0	6.0	6.5	mmol/L	
A2(HBA1c)			2.6	2.6	%	
Atypical Flag			0	0		(<1)
Pathological			0	0		
OPTICAL DENSI			0.440	0.294		(0.06-10.0)
Instrument SN			1080	1312		
Capillary Num			3	8		
CAP3 WASH SOL			24032/01	10053/01		
CAP3 WASH SOL			2025/03	2026/05		
CAP3 BUFFER S			24012/01	17073/01		
CAP3 BUFFER S			2025/01	2026/07		
CAP3 LYSING S			24012/01	22063/01		
CAP3 LYSING S			2025/01	2026/06		

Comments on Collection 09/01/24 1006 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: IS,FLS,TSH,EUC,LFT,GLUF,VITD,PSA, A1C,FBE
 Tests Pending :
 Sample Pending :