

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No:	NA	Dr Ref:		Lab Number:	24-33457536
Patient:	HO, LING			Receipt Date:	22/11/24
Address:	11 LYREBIRD ST, OCEAN GROVE VIC			Collected:	22/11/24 @ 10:35
Postcode:	3226	Phone:		Reported:	22/11/24 @ 18:30
DoB:	27/04/45	Gender:	Female	Age:	79 Years
Tests Requested:	TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU				
* = Tests Outstanding					

Doctor: DR SHAHNAZ AFTAB
DOCTORS ON DEMAND
LEVEL 2, 39 GREY ST,
SOUTH BRISBANE 4101

CC Drs: PATIENT.

</report>

NORMAL
FILE

NOTES
REQUIRED

RECALL
PATIENT

☐
URGENT

☐
NON
URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No:	NA	Dr Ref:		Lab Number:	24-33457536
Patient:	HO, LING			Receipt Date:	22/11/24
Address:	11 LYREBIRD ST, OCEAN GROVE VIC			Collected:	22/11/24 @ 10:35
Postcode:	3226	Phone:		Reported:	22/11/24 @ 18:30
DoB:	27/04/45	Gender:	Female	Age:	79 Years
Tests Requested:	TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU				
* = Tests Outstanding					

Doctor: DR SHAHNAZ AFTAB
DOCTORS ON DEMAND
LEVEL 2, 39 GREY ST,
SOUTH BRISBANE 4101

CC Drs: PATIENT.

NORMAL
FILE

NOTES
REQUIRED

RECALL
PATIENT

☐ URGENT

☐ NON
URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No:	NA	Dr Ref:		Lab Number:	24-33457536
Patient:	HO, LING			Receipt Date:	22/11/24
Address:	11 LYREBIRD ST, OCEAN GROVE VIC			Collected:	22/11/24 @ 10:35
Postcode:	3226	Phone:		Reported:	22/11/24 @ 18:30
DoB:	27/04/45	Gender:	Female	Age:	79 Years
Tests Requested:	TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU				
* = Tests Outstanding					

Doctor:	DR SHAHNAZ AFTAB DOCTORS ON DEMAND LEVEL 2, 39 GREY ST, SOUTH BRISBANE 4101	CC Drs:	PATIENT.
---------	--	---------	----------

SERUM VITAMIN B12 AND FOLATE

Date:	15/12/23	22/11/24
Time:	09:00	10:35
Lab.No:	30230099	33457536

			Ref.
	Units	Range	
Vitamin B12	:	471	379
		pmol/L	(150-700)
Serum Folate	:	41.2	33.6
		nmol/L	(> 9.0)

Vitamin B12 stores appear adequate.

Method: Siemens Immunoassay

Vitamin B12 method: Siemens Immunoassay

Note: Serum folate concentration may be falsely increased in people taking biotin supplements. Unless medical contraindicated, supplements should be withheld at least one week before testing.

NORMAL
FILE

NOTES
REQUIRED

RECALL
PATIENT

☐ URGENT

☐ NON
URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No: **NA** Dr Ref: Lab Number: 24-33457536
Patient: **HO, LING** Receipt Date: 22/11/24
Address: 11 LYREBIRD ST, OCEAN GROVE VIC Collected: 22/11/24 @ 10:35
Postcode: 3226 Phone: Reported: 22/11/24 @ 18:30
DoB: 27/04/45 Gender: Female Age: 79 Years
Tests Requested: TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU
* = Tests Outstanding

Doctor: DR SHAHNAZ AFTAB
DOCTORS ON DEMAND
LEVEL 2, 39 GREY ST,
SOUTH BRISBANE 4101
CC Drs: PATIENT.

Asp. Aminotransferase (AST) :	19 U/L	(< 35)
Alkaline Phosphatase (ALP) :	64 U/L	(30-110)
Gamma Glutamyl Trans. (GGT) :	35 U/L	(< 35)
Total Protein :	65 g/L	(60-80)
Albumin :	34 g/L	(34-47)
Globulin :	31 g/L	(22-40)

THYROID FUNCTION TESTS (SERUM)

Thyroid Stimulating Hormone (TSH) :	1.00 mIU/L	Ref. Range (0.50-4.00)
-------------------------------------	------------	------------------------

Normal TSH is consistent with normal thyroid function.
Note that TSH should NOT be used to adjust thyroxine treatment in people with pituitary disease.
Medical professionals: Please contact a pathologist if required on (03) 9244 0444.

Method: Siemens Immunoassay

URINE MICROALBUMIN

Spot Urine

Albumin Concentration:	4 mg/L	Ref. Range (0-25)
Creatinine Concentration:	6.0 mmol/L	
Alb/Creat Ratio (ACR):	0.7 mg/mmol creat	(< 3.5)

SERUM 25 - HYDROXY VITAMIN D

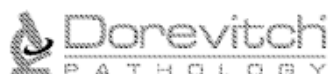
Date	Lab. No.	25 - Hydroxy Vitamin D (nmol/L)	Ref. Range (> 50)
15/12/23	30230099	120	
22/11/24	33457536	85	

Method: DiaSorin Liaison XL immunoassay. Note that this test cannot be used to monitor patients taking exclusively 1,25 dihydroxy Vitamin D (Calcitriol).

ERYTHROCYTE SEDIMENTATION RATE (BLOOD)		
ESR (Westergren):	7 mm/hr	(< 20)

NORMAL
FILE
NOTES
REQUIRED
RECALL
PATIENT
☐
URGENT
☐
NON
URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No: **NA** Dr Ref: Lab Number: 24-33457536
 Patient: **HO, LING** Receipt Date: 22/11/24
 Address: 11 LYREBIRD ST, OCEAN GROVE VIC Collected: 22/11/24 @ 10:35
 Postcode: 3226 Phone: Reported: 22/11/24 @ 18:30
 DoB: 27/04/45 Gender: Female Age: 79 Years
 Tests Requested: TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU

* = Tests Outstanding

Doctor: DR SHAHNAZ AFTAB
 DOCTORS ON DEMAND
 LEVEL 2, 39 GREY ST,
 SOUTH BRISBANE 4101

CC Drs: PATIENT.

<panel>BFO</panel><reported_time>18:46</reported_time>

SERUM/PLASMA LIPID STUDIES - Fasting

Total Chol: 3.7 mmol/L
 Triglyceride: 0.6 mmol/L
 HDL - C: 1.3 mmol/L
 LDL - C: 2.1 mmol/L
 NON HDL - C: 2.4 mmol/L
 Chol/HDL Ratio: 2.8

Therapeutic targets vary depending on the patient's cardiovascular risk profile.

	T.Chol	Trig	HDL-C	LDL-C	Non HDL-C
Primary Prevention:	<4.0	<2.0	>=1.0	<2.0	<2.5
Secondary Prevention:		<2.0	>=1.0	<1.8	<2.5

National Vascular Disease Prevention Alliance Guidelines 2012.
<http://strokefoundation.com.au>

National Heart Foundation Guidelines 2012.
<http://www.heartfoundation.org.au>

Note: The Chol/HDL ratio reflects changes in VLDL, LDL and HDL, with high values indicating an increased risk of atherosclerosis.

Target values < 3.5 are sometimes recommended for people with known vascular disease or others at high risk.

Target LDL is less than 2.0 mmol/L in people with

- A personal or strong family history of vascular disease
- Diabetes
- Aboriginal or Torres Strait Islander ancestry

SERUM/PLASMA BIOCHEMISTRY

		Ref. Range
Sodium :	136 mmol/L	(135-145)
Potassium :	4.5 mmol/L	(3.5-5.2)
Chloride :	104 mmol/L	(95-110)
Bicarbonate :	28 mmol/L	(22-32)
Urea :	7.3 mmol/L	(3.0-10.0)
Est.GFR(mL/min) :	57 per 1.73sqm	(> 60)
Creatinine :	84 umol/L	(40-90)
Total Bilirubin :	13 umol/L	(< 20)
Ala. Aminotransferase (ALT) :	17 U/L	(0-30)

NORMAL FILE

NOTES REQUIRED

RECALL PATIENT

URGENT

NON URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No: **NA** Dr Ref: Lab Number: 24-33457536
Patient: **HO, LING** Receipt Date: 22/11/24
Address: 11 LYREBIRD ST, OCEAN GROVE VIC Collected: 22/11/24 @ 10:35
Postcode: 3226 Phone: Reported: 22/11/24 @ 18:30
DoB: 27/04/45 Gender: Female Age: 79 Years
Tests Requested: TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU
* = Tests Outstanding

Doctor: DR SHAHNAZ AFTAB
DOCTORS ON DEMAND
LEVEL 2, 39 GREY ST,
SOUTH BRISBANE 4101
CC Drs: PATIENT.

Date	Lab.No.	HbA1c %	HbA1c mmol/mol
15/12/23	30230099	5.9	41
22/11/24	33457536	5.9	41

For diagnosis of diabetes mellitus the cut off is 6.5%.

For monitoring diabetic patients use the guidelines below.

Guidelines	HbA1c%	HbA1c mmol/mol
General Target	< 7.1	< 54
Adequate	< 8.1	< 65
Suboptimal	> 8.0	> 64

Fasting Status	Specimen	SERUM GLUCOSE Result	Ref.Range
Fasting	10:35 AM	4.7 mmol/L	(4.0-6.0)

Note (1): Glucose reference ranges: Fasting 4.0-6.0, Random 4.0-7.8.
Consider further investigation including glucose tolerance test
in people with fasting glucose 5.5-6.9 or random 7.8-11.0 mmol/L

NORMAL
FILE
NOTES
REQUIRED
RECALL
PATIENT
☐
URGENT
☐
NON
URGENT

TO: 0731034665-DOR-24-33457536 COMPANY:



Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



HEIDELBERG LABORATORY

Phone: 03 8345 6031

Dr. Philip Kostos

UR No: NA Dr Ref: Lab Number: 24-33457536
Patient: HO, LING Receipt Date: 22/11/24
Address: 11 LYREBIRD ST, OCEAN GROVE VIC Collected: 22/11/24 @ 10:35
Postcode: 3226 Phone: Reported: 22/11/24 @ 18:30
DoB: 27/04/45 Gender: Female Age: 79 Years
Tests Requested: TFT,UMA,MBI,LIP,BFO,GS,VID,GHB,FES,CRP,FBE,ESU
* = Tests Outstanding

Doctor: DR SHAHNAZ AFTAB
DOCTORS ON DEMAND
LEVEL 2, 39 GREY ST,
SOUTH BRISBANE 4101
CC Drs: PATIENT.

<report>

SERUM C-REACTIVE PROTEIN (CRP)

Date	Lab. No.	CRP	Ref Range (0-10)
15/12/23	30230099	5	
22/11/24	33457536	2 mg/L	

FULL BLOOD EXAMINATION

			(x10 ⁹ /L)
HB :	115 g/L	(115-165)	WHITE CELL COUNT: 4.5 (4.0-11.0)
PCV:	0.37 L/L	(0.37-0.47)	Neutrophils: 66% 3.0 (2.0-8.0)
RCC:	5.28 x10 ¹² /L	(3.80-5.80)	Lymphocytes: 26% 1.2 (1.0-4.0)
** MCV:	70 fL	(80-96)	Monocytes : 6% 0.3 (0.0-1.0)
MCH:	22 pg	(27-32)	Eosinophils: 1% 0.0 (0.0-0.5)
MCHC	312 g/L	(320-360)	Basophils : 1% 0.0 (0.0-0.2)
RDW:	15.1 %	(11.0-16.0)	
		PLATELETS	: 235 (150-450)

COMMENT: The red cell parameters are suggestive of thalassaemia trait.

SERUM IRON-STUDIES

Date: 15/12/23 22/11/24
Time: 09:00 10:35
Lab. No: 30230099 33457536

			Ref. Units Range
Ferritin:	71	54	ug/L (30-300)
Iron:	10	17	umol/L (7-27)
Transferrin:	2.4	2.2	g/L (2.0-3.6)
Transferrin Sat:	17	31	% (13-47)

Ferritin levels greater than 50 ug/L usually indicate normal iron stores.

Medical professionals: Please contact a pathologist on 03 9244 0444 if required.

Method: Siemens Immunoassay

BLOOD HAEMOGLOBIN A 1 c

NORMAL
FILENOTES
REQUIREDRECALL
PATIENT☐
URGENT☐
NON
URGENT