

LABORATORY 3427-3420 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-TMS-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 06/06/24 14:53 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY: /

TOXICOLOGY

SPECIMEN: SERUM/PLASMA

TRACE METALS

Zinc 14.1 µmol/L (9.0 - 18.0)

TOXICOLOGY

PATIENT: MR MURIS BORIC ALL TESTS COMPLETE

PANEL CODES: B12-R,VID-w,QDD-R,HCY-R,INS-R,OHD-R,SCR-R,TIH-R,CK-R,COP-R,ESR-R,FBE-+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT:

MR MURIS BORIC

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 11/11/1985

SEX: MALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 24-89989379-VID-0

REFERRED: 30/05/24

COLLECTED: 03/06/24 08:56

REPORTED: 05/06/24 08:23

TESTED: 03/06/24

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY: /

TEST NAME: VITAMIN D 1,25 DIHYDROXY

This test has been sent to:

AUSTIN & REPATRIATION Medical Centre

155 Studley Rd

Heidelberg Vic 3084

Tel: (03) 9496 3100

Test was referred on 05/06/24

-*- PRELIMINARY REPORT : FINAL REPORT TO FOLLOW -*-

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PATIENT: MR MURIS BORIC

PANEL CODES: B12-R,VID-w,QDD-R,HCY-R,INS-R,OHD-R,SCR-R,TIH-R,CK-R,COP-R,ESR-R,FBE+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655		
PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-BFM-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 04/06/24 16:21 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY: /

VITAMIN B12 AND FOLATE **SPECIMEN: Serum/Blood**

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

Units		
Vitamin B12	965	pmol/L

Comments: Normal B12 result.			
RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350
Vitamin B12 and Folate analyses are performed on the Siemens Centaur/ Atellica.			

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PATIENT: MR MURIS BORIC

PANEL CODES: B12-R,QDD-R,HCY-R,INS-R,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-R,ESR-R,FBE-+++

LABORATORY 3427-3420 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT:

MR MURIS BORIC

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 11/11/1985

SEX: MALE

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REF:

REQUEST DETAILS:

LAB REF: 24-89989379-LMA-0

REFERRED: 30/05/24

COLLECTED: 03/06/24 08:56

REPORTED: 04/06/24 15:00

TESTED: 03/06/24

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY: /

FLOW CYTOMETRY

SPECIMEN: BLOOD

LYMPHOCYTE SURFACE MARKERS

Total Leucocytes 4700 cells/uL

Lymphocytes 51 % 2400 cells/uL

Description	Antibody	%	cells/uL	RR
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T-CELL SUBSETS

T4 Helper Cell	CD4+3+	47.9	1150	(400 - 1600)
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T8 Suppressor Cell	CD8+3+	31.1	746	(270 - 900)
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Mature T3 Lymphocyte	CD3	80.4	1930	(700 - 2700)
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non-MHC Restricted T Cell	CD56+3+	0.4	10	(5 - 90)
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T HELP/T SUPPRESSOR T4:T8 ratio			1.5	(1.0 - 2.4)
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B-CELL SUBSETS

Total B Lymphocyte	CD19	5.2	125	(70 - 400)
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OTHER SUBSETS

Natural Killer Cells	CD16+56+3-	14.0	336	(90 - 400)
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COMMENT

FLOW
CYTOMETRY

PATIENT: MR MURIS BORIC

PANEL CODES: QDD-R,HCY-R,INS-R,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-R,ESR-R,FBE-R,IS-R+++

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PYRMONT NSW 2009

PH:

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REQUEST DETAILS:

LAB REF: 24-89989379-QDD-0

REFERRED: 30/05/24

COLLECTED: 03/06/24 08:56

REPORTED: 03/06/24 18:30

TESTED: 03/06/24

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY: /

HAEMATOLOGY

SPECIMEN: BLOOD

D-DIMER (FIBRINOGEN DEGRADATION PRODUCTS)

D-Dimer Level

230 ng/mL

(< 500)

COMMENT D-Dimer level is normal.

Thrombosis (DVT/PE) is largely excluded. However if there is a high clinical suspicion, appropriate radiological investigations are recommended

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-R,HCY-R,INS-R,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-R,ESR-R,FBE-R,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655		
PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-HCY-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 17:27 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY: /

HOMOCYSTEINE **SPECIMEN: Serum**

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

		Units	Reference Range
Fasting status	Fasting		
Homocysteine	13.9	µmol/L	5.0 - 15.0

Comments:
Normal homocysteine level.
Homocysteine concentrations have been used to categorise
Cardiovascular risk:
 <10 µmol/L - desirable
 10 - 15 µmol/L - intermediate risk
 15 - 30 µmol/L - high risk
 >30 µmol/L - very high risk.

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CLINICAL HISTORY: /

INSULIN STUDIES

SPECIMEN: Serum

Date	Time	Request	Serum Insulin
03/06/2024	08:56	24-89989379	10
Units			mU/L
Reference Ranges			See below

Comments:

Insulin Reference Ranges:
Fasting 2 - 12 mU/L
2hr post prandial 5 - 30 mU/L

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-R,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-R,ESR-R,FBE-R,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-COA-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 17:11 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY: /

HAEMATOLOGY SPECIMEN: CITRATED PLASMA

COAGULATION PROFILE

Prothrombin Time	Patient	10.3 s	(9.5 - 13.0)
	Control	10.9 s	
	INR	0.9	
A.P.T.T.	Patient	25.7 s	(23.0 - 35.0)
	Control	29.0 s	
Thrombin clotting time		17.8 s	(< 21.0)
Fibrinogen		2.6 g/L	(2.0 - 4.5)

COMMENT: No haemostatic defect demonstrated on the basis of tests performed.

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-R,ESR-R,FBE-R,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-HAE-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 16:34 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY: /

GENERAL HAEMATOLOGY

SPECIMEN: Whole blood

Date	03/06/2024	30/10/2023
Collection Time	08:56	NS
Request	24-89989379	23-84742816

			Units	Reference Range
Haemoglobin	157	153	g/L	125 - 175
RBC	4.94	4.81	x10 ¹² /L	4.50 - 6.50
HCT	0.47	0.45		0.40 - 0.55
MCV	95	93	fL	80 - 99
MCH	31.8	31.8	pg	27.0 - 34.0
MCHC	335	342	g/L	310 - 360
RDW	12.2	12.5	%	11.0 - 15.0
White Cell Count	4.7	4.3	x10 ⁹ /L	4.0 - 11.0
Neutrophils	2.0	2.2	x10 ⁹ /L	2.0 - 8.0
Lymphocytes	2.4	1.7	x10 ⁹ /L	1.0 - 4.0
Monocytes	0.2	0.2	x10 ⁹ /L	< 1.1
Eosinophils	< 0.1	< 0.1	x10 ⁹ /L	< 0.7
Basophils	0.0	< 0.1	x10 ⁹ /L	< 0.3
Platelets	189	207	x10 ⁹ /L	150 - 450
ESR	2		mm/h	1 - 15

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Comments:

#89989379 : The red cell, white cell and platelet parameters are within normal limits.

PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-W,ESR-R,FBE-R,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

PATIENT:

MR MURIS BORIC

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 11/11/1985

SEX: MALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 24-89989379-TIH-0

REFERRED: 30/05/24

COLLECTED: 03/06/24 08:56

REPORTED: 03/06/24 16:34

TESTED: 03/06/24

BATCH: 0 0

IMEDICAL LIFE

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PYRMONT NSW 2009

CLINICAL HISTORY: /

BIOCHEMISTRY

CARDIAC MARKERS - TROPONIN I

SPECIMEN: SERUM/PLASMA/BLOOD

Date: **03/06/24**

Coll Time: 08:56

Lab Number: 89989379

hsTNI (ATL) < 3 (< 54) ng/L

89989379 Normal troponin I result with the high sensitivity assay indicates it is unlikely that there is significant myocardial damage. However, troponin levels may take 6 hrs or more after an episode of chest pain to become raised.

Troponin I is analysed using a high sensitivity method on a Siemens Atellica system (SI units ng/L apply).

Note: gender and method specific Reference Intervals apply.

TIH downloaded to IMEDICAL LIFE on special by Azra Kadiric on 03/06/24 at 16:03.

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-R,SCR-R,TIH-R,REF-W,CK-R,COP-W,ESR-R,FBE-R,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655		
PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-OHD-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 16:27 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY: /

VITAMIN D SPECIMEN: Serum

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

Units		
25-hydroxy Vitamin D	142	nmol/L

Comments:
Within normal limits.
Interpretation:
Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

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LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655		
PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-ISM-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 16:24 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY: /

IRON STUDIES

SPECIMEN: Serum

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

		Units	Reference Range
Iron	25	µmol/L	10.0 - 30.0
Transferrin	2.65	g/L	2.10 - 3.80
Transferrin Saturation	37	%	15 - 50
Ferritin	155	µg/L	30 - 500

Comments:

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-W,SCR-R,TIH-R,REF-W,CK-R,COP-W,ESR-W,FBE-W,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655		
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CLINICAL HISTORY: /

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

			Units	Reference Range
Free thyroxine (FT4)	17.3		pmol/L	9.0 - 25.0
Thyroid Stimulating Hormone	1.46		mIU/L	0.40 - 4.00
Free Tri-iodothyronine (FT3)	5.8		pmol/L	3.5 - 6.5

Comments:

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PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-W,SCR-R,TIH-R,REF-W,CK-R,COP-W,ESR-W,FBE-W,IS-R+++

LABORATORY 3427-24606 1 BUTLER BOULEVARD ADELAIDE AIRPORT SA 5950 PH: 08 8205 5655

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	LAB REF:	24-89989379-MBI-0	
	REFERRED:	30/05/24	
	COLLECTED:	03/06/24 08:56	
	REPORTED:	03/06/24 16:21	
	TESTED:	03/06/24	
	BATCH:	0 0	

CLINICAL HISTORY: /

GENERAL CHEMISTRY

SPECIMEN: Serum

Date	03/06/2024
Collection Time	08:56
Request	24-89989379

Electrolytes / Renal Function		Units	Reference Range	B I O C H E M I S T R Y
Sodium	140	mmol/L	135 - 145	
Potassium	3.8	mmol/L	3.5 - 5.2	
Chloride	104	mmol/L	95 - 110	
Bicarbonate	30	mmol/L	22 - 32	
Urea	6.2	mmol/L	3.5 - 8.0	
Creatinine	84	µmol/L	60 - 110	
eGFR	> 90	mL/min/1.73m²	> 59	
Calcium	2.45	mmol/L	2.10 - 2.60	
Adjusted Calcium	2.39	mmol/L	2.10 - 2.60	
Phosphate	1.11	mmol/L	0.75 - 1.50	
Uric Acid	0.41	mmol/L	0.18 - 0.47	
Liver Function		Units	Reference Range	
Total Protein	79	g/L	60 - 80	
Albumin	44	g/L	35 - 50	
Alkaline Phosphatase	43	U/L	30 - 110	
Total Bilirubin	13	µmol/L	3 - 20	
Gamma GT	18	U/L	5 - 50	
AST	25	U/L	5 - 35	
ALT	17	U/L	5 - 40	
LD	134	U/L	120 - 250	
Globulin	35	g/L	23 - 39	

Comments:

PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-W,SCR-R,TIH-R,REF-W,CK-R,COP-W,ESR-W,FBE-W,IS-W+++

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PATIENT: MR MURIS BORIC C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 11/11/1985 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 24-89989379-CE-0 REFERRED: 30/05/24 COLLECTED: 03/06/24 08:56 REPORTED: 03/06/24 16:18 TESTED: 03/06/24 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY: /

BIOCHEMISTRY

CARDIAC/MUSCLE MARKERS

SPECIMEN: SERUM/PLASMA/WHOLE BLOOD

CK 125 U/L (< 201)

Normal CK level.

PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-W,SCR-R,TIH-W,REF-W,CK-R,COP-W,ESR-W,FBE-W,IS-W+++

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CLINICAL HISTORY: /

BIOCHEMISTRY

C REACTIVE PROTEIN (hsCRP)

SPECIMEN: SERUM

hsCRP < 0.5 mg/L see below

For assessment of cardiovascular risk in the WELL individual see the following table (Reference: American Heart Association)

CRP (mg/L)	Relative Risk.
< 1.0	Low risk
1.0 - 3.0	Average risk
> 3.0	High risk

PATIENT: MR MURIS BORIC

PANEL CODES: QDD-W,HCY-W,INS-W,OHD-W,SCR-R,TIH-W,REF-W,CK-W,COP-W,ESR-W,FBE-W,IS-W+++