

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

<b>PATIENT:</b> <b>MR JONATHAN MARSH</b> C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: 0409346959 DOB: 27/07/1973      SEX: MALE UR#:                    REF:	<b>REQUEST DETAILS:</b> <b>LAB REF:</b> 24-21331661-GLS-0 <b>REFERRED:</b> 11/07/24 <b>COLLECTED:</b> 15/07/24 10:35 <b>REPORTED:</b> 17/07/24 11:36 <b>TESTED:</b> 15/07/24 <b>BATCH:</b> 0      0	<b>IMEDICAL LIFE</b> IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY:

**GLUCOSE**

**SPECIMEN: Serum**

Date 15/07/2024

Collection Time 10:35

Request 24-21331661

Units      Reference Range

Glucose Time	10:35		
Collection type	Fasting		
Glucose	4.1	mmol/L	3.0 - 5.4

**Comments:**

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L

Fasting 3.0 - 5.4 mmol/L

1 Hour post prandial 3.0 - 11.0 mmol/L

2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

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PATIENT: MR JONATHAN MARSH

PANEL CODES: GLS-R,PSA-R,AFP-R,IGF-W,FAI-R,LIP-R,FPS-R

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CLINICAL HISTORY:

ANDROGEN STUDIES

SPECIMEN: Serum

Date 15/07/2024

Collection Time 10:35

Request 24-21331661

		Units	Reference Range
Testosterone	50.5**	nmol/L	6.0 - 28.0
SHBG re-std.	29	nmol/L	15 - 50
Free Testosterone	1428**	pmol/L	200 - 600

Comments:

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PATIENT: MR JONATHAN MARSH

PANEL CODES: PSA-R,AFP-R,GLU-W,IGF-W,FAI-R,LIP-R,FPS-R

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CLINICAL HISTORY:

**TUMOUR MARKERS - PROSTATE SPECIFIC ANTIGEN (PSA)**

**SPECIMEN:** Serum

Date 15/07/2024

Collection Time 10:35

Request 24-21331661

Units Reference Range

Total PSA	2.08	µg/L	< 3.51
Free PSA ratio	18*	%	

**Comments:**

PSA is within age related normal limits.

NB: A normal PSA does not exclude prostate carcinoma.

The total PSA is assayed on the Siemens Centaur using a double monoclonal antibody system.

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PATIENT: MR JONATHAN MARSH

PANEL CODES: PSA-R,AFP-R,GLU-W,IGF-W,FAI-W,LIP-R,FPS-R

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CLINICAL HISTORY:

**ENDOCRINOLOGY**

**SPECIMEN: SERUM**

**TUMOUR MARKER**

Alpha-feto Protein:      6 KIU/L      (< 9)

AFP is measured by immunoassay on a Siemens Advia Centaur/Atellica.

PATIENT: MR JONATHAN MARSH

PANEL CODES: PSA-W, AFP-R, GLU-W, IGF-W, FAI-W, LIP-R, FPS-W

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CLINICAL HISTORY:

LIPID STUDIES

SPECIMEN: Serum

Date 15/07/2024

Collection Time 10:35

Request 24-21331661

		Units	Desirable Range (Fasting)
Fasting status	Fasting		
Cholesterol	4.0	mmol/L	< 5.6
H.D.L. Cholesterol	1.6	mmol/L	> 0.9
L.D.L. Cholesterol	2.0	mmol/L	< 3.1
Non-HDL Cholesterol	2.4	mmol/L	< 4.1
Triglyceride	0.8	mmol/L	< 2.1
LDL/HDL Ratio (Risk Factor)	1.2		
Chol/HDL Ratio (Risk Factor)	2.5		

Comments:

The Heart Foundation of Australia recommend calculation of the absolute cardiovascular risk using the NVDPA's calculator at [www.cvdcheck.org.au](http://www.cvdcheck.org.au). LDL-c target depends on the absolute CVD risk.

Recommended targets for high risk patients are

Total cholesterol < 4.0 mmol/L

HDL Cholesterol > 1.0 mmol/L

LDL Cholesterol < 2.5 mmol/L (< 1.8 mmol/L for very high risk) Non-HDL Cholesterol < 3.3 mmol/L (< 2.5 mmol/L for very high risk) Fasting triglycerides < 2.0 mmol/L

Lipid ranges and targets are from the AACB Guideline for Harmonised Lipid Reporting (2018)

Target values need to be individualised based on clinical assessment of overall risk.

See the AusCVD Risk calculator at [www.cvdcheck.org.au](http://www.cvdcheck.org.au)

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PATIENT: MR JONATHAN MARSH

PANEL CODES: PSA-W,AFP-W,GLU-W,IGF-W,FAI-W,LIP-R,FPS-W

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