

19/02/2024

Elke JACOBSEN
14 Doody Street
NARRABRI 2390

Dear Elke

Your Pathology Results

Please find enclosed a copy of the pathology test results from your recent firefighter pre-employment health assessment. The results have been checked by the Fire & Rescue NSW Occupational Physician with the following remarks.

Test	Normal	Minor abnormality	Abnormal	Comment
Urea, electrolytes creatinine (UEC)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Full blood count (FBC)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Liver function tests (LFT)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fasting lipids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fasting blood glucose	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Urinalysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a

- Where results have been marked **Abnormal**, it is strongly advised that you take these results to your General Practitioner (GP) for appropriate review and follow up.
- Where results have been marked **Normal** or **Minor abnormality** (it is not uncommon for healthy people to have results just outside the reference ranges), it is still recommended you give these results to your GP to keep on your personal medical file.

Should a report be required from your GP in relation to any abnormal results, specific correspondence will be provided separately.

Yours sincerely



Dr Sandra McBurnie
FRNSW Occupational Physician

Report to **FRNSW OCC PHYSICIAN**
Fire & Rescue Nsw
Health & Safety Branch
Locked Mail Bag 12
GREENACRE 2190

Patient **JACOBSEN, ELKE**
14 DOODY ST
NARRABRI 2390

Page 1 of 1

Phone 0411209875
D.O.B 16/11/90 Age 33 Years Sex F

Ref. by/copy to Ref. by DR.PETER ONAIYEKAN
NAMOI MEDICAL SERVICES
NARRABRI, 2390
Phone: 0267924333

Collect date 25/01/24 Lab ref **24-25952054**
Collect time 00:00 Your ref
Printed 26/01/24

Tests requested All requested tests have been reported.
Completed - CHEM,LIP,HEP,FBE,GLU,ECG

Clinical notes

Electrocardiogram Report

HR 59 /min

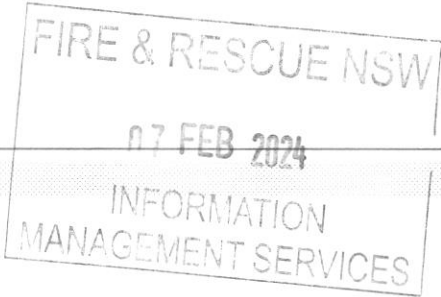
Intervals

PR 130 ms
QRS 80 ms
QT 440 ms
QTc 439 ms

Sinus rhythm. Normal ECG.

Reported by DR RENA ZIMMET

Authorised by:
Dr Harry Mond
Cardioscan Pty Ltd



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Phone **0411209875** Age **33 Years** Sex **F**
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Collect date **25/01/24** Lab ref **24-25952054**
Collect time **00:00** Your ref
Printed **26/01/24**

Tests requested **Pending - ECG***
Completed - CHEM,LIP,HEP,FBE,GLU

Clinical notes

SERUM CHEMISTRY

Specimen Type: Serum

Haemolysis Nil
Icterus Nil
Lipaemia Nil

Sodium	142	mmol/L	(135-145)
Potassium	4.4	mmol/L	(3.6-5.4)
Chloride	102	mmol/L	(95-110)
Bicarbonate	24	mmol/L	(22-32)
Anion Gap	20	mmol/L	(10-20)
Urea	2.9	mmol/L	(2.5-8.0)
Creatinine	70	umol/L	(45-90)
eGFR	> 90		mL/min/1.73m ²
Bilirubin	20*	umol/L	(< 15)
AST	21	U/L	(< 30)
ALT	19	U/L	(< 30)
GGT	10	U/L	(< 30)
Alkaline Phosphatase	37	U/L	(20-105)
Protein	69	g/L	(60-82)
Albumin	48	g/L	(38-50)
Globulin	21	g/L	(20-39)

eGFR ≥ 90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

SERUM/PLASMA GLUCOSE

Fasting status Fasting
Serum 4.7 mmol/L (3.4-5.4)

Normal glucose concentration.

HEPATITIS SEROLOGY

Hepatitis B Surface Antibody 186 mIU/mL

Immune to Hepatitis B virus. NHMRC guidelines no longer recommend routine booster doses of hepatitis vaccine. Booster doses are recommended for immunosuppressed individuals such as those with HIV infection, or renal failure.

All testing performed on serum or plasma unless otherwise specified.

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LIPID STUDIES

Specimen Type: Serum

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis Nil
Icterus Nil
Lipaemia Nil

Fasting status	Fasting		
Total Cholesterol	5.0	mmol/L	(3.6-5.2)
Triglycerides	0.8	mmol/L	(0.5-1.7)
HDL Cholesterol	1.5	mmol/L	(1.0-2.0)
LDL Cholesterol	3.1	mmol/L	(1.5-3.4)
Non-HDL Cholesterol	3.5*	mmol/L	(< 3.4)
Cholesterol/HDL-C Ratio	3.3		(< 4.5)

NVDPA TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0
TRIGS (FASTING)	<2.0
HDL-C	>= 1.0
LDL-C	<2.0
NON HDL-C	<2.5

LDL-C exceeds target for higher risk patients and may be excessive in some individuals.

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HAEMATOLOGY

Date Collected **25 Jan 24**
Time Collected **00:00**
Specimen Type: **EDTA**

Hb	151 g/L	(115-165)	WBC	5.0 x10 ⁹ /L	(4.0-11.0)
RCC	5.0 x10 ¹² /L	(3.9-5.8)	Neut	2.5 x10 ⁹ /L	(2.0-7.5)
Hct	0.44	(0.34-0.47)	Lymp	1.9 x10 ⁹ /L	(1.0-4.0)
MCV	88 fL	(79-99)	Mono	0.4 x10 ⁹ /L	(0.2-1.0)
MCH	30 pg	(27-34)	Eos	0.1 x10 ⁹ /L	(< 0.7)
MCHC	343 g/L	(320-360)	Baso	0.1 x10 ⁹ /L	(< 0.2)
RDW	11.9 %	(10.0-17.0)			
Plat	218 x10 ⁹ /L	(150-400)			

HAEMATOLOGY: FBC parameters are within reference range.

SURGERY USE

Normal

No Action/File

Patient
Notified

Make
Appoint.

Further Tests

Notes
Required

Speak
with Dr.

On Correct
Treatment