

# laboratory report

<b>PATIENT</b>	Surname: XXX
	Forename: XXX
	DOB: 15-Nov-1955
	Sex: F

<b>LABORATORY</b>	Sample date: 15-Oct-2009
	Report date: 16-Oct-2009
	PID: XXX
	Lab ref: XXX

## BIOCHEMISTRY PROFILE

Test	Result	Units	Range
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### BIOCHEMISTRY

#### Kidney Function

SODIUM	*147	mmol/L	135 - 145
POTASSIUM	4.8	mmol/L	3.5 - 5.1
CHLORIDE	103	mmol/L	98 - 107
BICARBONATE	24	mmol/l	22 - 29
UREA	6.6	mmol/L	1.7 - 8.3
CREATININE	71	umol/L	49 - 92

#### Liver Function

BILIRUBIN	8	umol/L	0 - 20
ALKALINE PHOSPHATASE	67	IU/L	35 - 104
ASPARTATE TRANSFERASE	22	IU/L	0 - 31
ALANINE TRANSFERASE	25	IU/L	10 - 35
CK	112	IU/L	26 - 140
GAMMA GT	15	IU/L	6 - 42

#### Proteins

TOTAL PROTEIN	74	g/L	63 - 83
ALBUMIN	49	g/L	34 - 50
GLOBULIN	25	g/L	19 - 35

#### Minerals

CALCIUM	2.39	mmol/L	2.15 - 2.55
Corrected Calcium	2.27	mmol/L	2.15 - 2.55
PHOSPHATE	1.39	mmol/L	0.87 - 1.45

#### Gout Test

URIC ACID	282	umol/L	175 - 363
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#### Diabetes Test

RANDOM BLOOD GLUCOSE (FL)	5.0	mmol/	3.5 - 7.9
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#### Iron Profile

IRON	19.0	umol/L	6.6 - 26.0
T.I.B.C	57	umol/L	41 - 77
TRANSFERRIN SATURATION	33	%	20 - 55

#### Lipids

TRIGLYCERIDES	0.8	mmol/L	< 2.3
CHOLESTEROL	*7.8	mmol/L	Optimum <5.0