

Harmony Health Medical Centre

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14/01/2025

Microalbumin (Urine)

Coll Date: 28/10/24 **06/01/25**
Coll Time: 10:05 **08:28**
Lab Number: 14122847 **14620770**

Albumin	258.7	23.4		mg/L
Creatinine	5.8	16.2		mmol/L
Albumin/Creat	44.6 H	1.4	(< 2.5)	mg/mmol

Normal Alb/Creat result. Prior (past 2-6 months) elevated ratio noted for this patient and consistent with documented intra-patient variation in albuminuria. Diagnosis of presence of persistent albuminuria requires at least 2 out of 3 Alb/Creat results (obtained over a 3-6 month period) that are >2.4 mg/mmol.

Tests to follow: UMCS

Biochemistry (Serum)

Coll Date: 28/05/24 28/10/24 **06/01/25**
Coll Time: 11:09 10:05 **08:28**
Lab Number: 13016054 14122847 **14620770**

Sodium	139	138	142	(135-145)	mmol/L
Potassium	4.2	4.2	4.2	(3.5-5.3)	mmol/L
Chloride	103	103	105	(95-110)	mmol/L
Bicarbonate	31	30	29	(22-32)	mmol/L
Anion Gap	9	9	12	(8-19)	mmol/L
Urea	5.9	5.6	5.6	(3.2-8.2)	mmol/L
Creatinine	84	91	84	(60-110)	umol/L
eGFR	> 90	> 90	> 90	(> 59)	
Urate	0.32	0.36	0.33	(0.20-0.45)	mmol/L
Total Protein	73	71	70	(60-80)	g/L
Globulin	32	29	29	(23-39)	g/L
Albumin	41	42	41	(34-50)	g/L
Bilirubin	12	8	7	(< 21)	umol/L
Alk. Phosphatase	60	76	65	(30-110)	U/L
Gamma GT	13	10	13	(< 51)	U/L
ALT	18	< 7	18	(< 40)	U/L
AST	31	18	20	(< 35)	U/L
LD	193	189	160	(120-250)	U/L
Calcium	2.43	2.46	2.39	(2.10-2.60)	mmol/L
Adj. Calcium	2.41	2.42	2.37	(2.10-2.60)	mmol/L
Phosphate	0.94	0.87	0.76	(0.75-1.50)	mmol/L
Status	Random	Random	Fasting		
Cholesterol	3.5	3.5	4.1	(< 5.6)	mmol/L
Triglyceride	1.1	2.2 H	1.6	(< 2.1)	mmol/L

Glucose (Serum)

Coll Date:	28/05/24	28/10/24	06/01/25
Coll Time:	11:09	10:05	08:28
Lab Number:	13016054	14122847	14620770

Glucose Random	4.7	3.8	5.1	(3.0-7.7)	mmol/L
Glucose Fasting				(3.0-5.4)	mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Full Blood Count (Whole Blood)

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HAEMOGLOBIN	146	146	153	(130-180)	g/L
RBC	4.6	5.0	5.2	(4.5-6.5)	10 ¹² /L
HCT	0.40	0.45	0.46	(0.38-0.52)	
MCV	87.0	90.0	88.7	(80.0-100.0)	fL
MCH	32	29	29	(26-32)	pg
MCHC	362 H	323	330	(300-360)	g/L
RDW	13.2	12.9	12.3	(< 15.1)	%

WCC	8.2	6.7	4.9	(4.0-11.0)	
Neutrophils	5.7	4.0	1.8 L	(2.0-8.0)	
Lymphocytes	1.6	1.8	2.2	(1.0-4.0)	
Monocytes	0.7	0.6	0.5	(0.2-1.0)	
Eosinophils	0.2	0.3	0.4	(< 0.8)	
Basophils	0.0	0.0	0.0	(< 0.2)	

PLATELETS	213	223	190	(150-400)	10 ⁹ /L
MPV	8.3	12.1	11.1	(6.5-14.0)	fL

Borderline neutropenia.

Tests to follow: BSL,CHEM,MALB,UMCS

Urine Culture

Coll Date:	24/10/24	28/10/24	06/01/25
Coll Time:	14:20	10:05	08:28
Lab Number:	80969338	14122847	14620770

Microscopy:					
White cells	< 10	< 10	< 10	(<10)	10 ⁶ /L
Red cells	> 100	50	> 100	(<10)	10 ⁶ /L
Epithelial	0	0	0	(<10)	10 ⁶ /L

Chemistry:				
pH	7.5	6.5	7.0	(4.0-9.0)
Protein	Trace	+	Trace	
Glucose	Neg	Neg	Neg	
Ketones	Neg	Neg	Neg	
Blood(Hb)	+++	+	+++	

Organism:	No Sig Growth	No Sig Growth	Mixed Org
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Current Request: **14620770**

Dysmorphic RBC: <20%

Culture: Moderate growth (10⁷-8CFU/L) of mixed organisms