Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: **CHG POC Testing**

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Unknown (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026O198903**
Ordered date: 05/05/2026 09:50

Specimen: Type: Blood Collected: 05/05/2026 09:43 Received: 05/05/2026 09:48

Hemoscreen FBC - Final - 05/05/2026 09:48			
Haemoglobin	154	g/L	130 - 170
Red Blood Cells (RBC)	4.52	x10^12/L	4.40 - 5.80
Haematocrit (HCT)	0.41	L/L	0.37 - 0.50
MCV	89.7	fL	80.0 - 99.0
MCH	* **34.0**	**pg**	**26.0 - 33.5**
MCHC	* **379**	**g/L**	**320 - 360**
RDW	* **16.2**	**%**	**11.5 - 15.0**
Platelets	265	x10^9/L	150 - 400
Mean Platelet Volume (MPV)	10.5	fL	7.0 - 13.0
White Blood Cells (WBC)	5.87	x10^9/L	3.00 - 10.00
Neutrophils (NEU)	3.26	x10^9/L	2.00 - 7.50
Lympocytes (LYM)	1.81	x10^9/L	1.50 - 4.00
Monocytes (MON)	0.52	x10^9/L	0.20 - 1.00
Eosinophils (EOS)	0.28	x10^9/L	0.00 - 0.40
Basophils (BAS)	0.00	x10^9/L	0.00 - 0.10
Operator Name	[redacted]		
Operator	[redacted]		

Tests requested in this order episode: NCBC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026X264512**
Ordered date: 20/04/2026 09:32

Specimen: Type: Blood Collected: 20/04/2026 09:30 Received: 20/04/2026 11:12

Carcinoembryonic Antigen (CEA) - Final - 20/04/2026 21:42

CEA	*** 16.8**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 20/04/2026 11:44

HAEMOGLOBIN	*** 129**	**g/L**	**130 - 170**	
RED CELL COUNT	*** 4.29**	**x10^12/L**	**4.40 - 5.80**	
HCT	0.39		0.37 - 0.50	
MCV	90.0	fL	80 - 99	
MCH	30.1	pg	27.0 - 33.5	Please note new reference range.
MCHC	334	g/L	320 - 360	
RDW	*** 16.6**	**%**	**11.5 - 15.0**	
Platelets	255	x10^9/L	150 - 400	
MPV	10.2	fL	7.0 - 13.0	
WHITE CELLS	4.33	x10^9/L	3.0 - 10.0	
Neutrophils	2.28	x10^9/L	2.0 - 7.5	
Lymphocytes	*** 1.30**	**x10^9/L**	**1.5 - 4.0**	
Monocytes	0.48	x10^9/L	0.2 - 1.0	
Eosinophils	0.22	x10^9/L	0.0 - 0.4	
Basophils	0.05	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 20/04/2026 15:15

Bilirubin	*** 39**	**umol/L**	**0 - 20**
Alkaline Phosphatase	99	IU/L	40 - 130
Aspartate Transaminase	33	IU/L	0 - 40
Alanine Transaminase	30	IU/L	10 - 50
Gamma Glutamyl Transferase	21	IU/L	10 - 71
Total Protein	73	g/L	64 - 83
Albumin	41	g/L	34 - 50
Globulins	32	g/L	19 - 35
Calcium	2.37	mmol/L	2.20 - 2.60
Adjusted Calcium	2.46	mmol/L	2.20 - 2.60
Inorganic Phosphate	1.11	mmol/L	0.87 - 1.45

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 20/04/2026 15:15				
Magnesium	0.80	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 20/04/2026 15:15				
Sodium	137	mmol/L	136 - 145	
Potassium	4.3	mmol/L	3.5 - 5.1	
Chloride	101	mmol/L	98 - 107	
Urea	4.7	mmol/L	1.7 - 8.3	
Creatinine	69	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026X217441**
Ordered date: 30/03/2026 09:29

Specimen: Type: Blood Collected: 30/03/2026 09:25 Received: 30/03/2026 13:20

Carcinoembryonic Antigen (CEA) - Final - 30/03/2026 22:09

CEA	* **21.1**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 30/03/2026 13:48

HAEMOGLOBIN	135	g/L	130 - 170	
RED CELL COUNT	4.58	x10^12/L	4.40 - 5.80	
HCT	0.41		0.37 - 0.50	
MCV	89.5	fL	80 - 99	
MCH	29.5	pg	27.0 - 33.5	Please note new reference range.
MCHC	329	g/L	320 - 360	
RDW	* **15.4**	%	**11.5 - 15.0**	
Platelets	230	x10^9/L	150 - 400	
MPV	10.9	fL	7.0 - 13.0	
WHITE CELLS	6.68	x10^9/L	3.0 - 10.0	
Neutrophils	3.88	x10^9/L	2.0 - 7.5	
Lymphocytes	1.97	x10^9/L	1.5 - 4.0	
Monocytes	0.48	x10^9/L	0.2 - 1.0	
Eosinophils	0.29	x10^9/L	0.0 - 0.4	
Basophils	0.06	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 30/03/2026 14:10

Bilirubin	16	umol/L	0 - 20	
Alkaline Phosphatase	* **137**	**IU/L**	**40 - 130**	
Aspartate Transaminase	30	IU/L	0 - 40	
Alanine Transaminase	40	IU/L	10 - 50	
Gamma Glutamyl Transferase	23	IU/L	10 - 71	
Total Protein	75	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	32	g/L	19 - 35	
Calcium	2.41	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.46	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.11	mmol/L	0.87 - 1.45	

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 30/03/2026 14:10				
Magnesium	0.82	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 30/03/2026 22:04				
Sodium	* **135**	**mmol/L**	**136 - 145**	
Potassium	4.3	mmol/L	3.5 - 5.1	
Chloride	99	mmol/L	98 - 107	
Urea	5.3	mmol/L	1.7 - 8.3	
Creatinine	68	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Title, Surname: **Mr. Read-Barrow** DOB: 02/07/1982 eMPI

Forename: **Russell** Lab Ref No: 0026X217441 [redacted]

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026X183949**
Ordered date: 16/03/2026 11:39

Specimen: Type: Blood Collected: 16/03/2026 11:35 Received: 16/03/2026 13:32

Carcinoembryonic Antigen (CEA) - Final - 16/03/2026 22:02

CEA	*** 32.5**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 16/03/2026 14:01

HAEMOGLOBIN	142	g/L	130 - 170	
RED CELL COUNT	4.79	x10^12/L	4.40 - 5.80	
HCT	0.42		0.37 - 0.50	
MCV	87.3	fL	80 - 99	
MCH	29.6	pg	27.0 - 33.5	Please note new reference range.
MCHC	340	g/L	320 - 360	
RDW	13.7	%	11.5 - 15.0	
Platelets	249	x10^9/L	150 - 400	
MPV	9.6	fL	7.0 - 13.0	
WHITE CELLS	7.21	x10^9/L	3.0 - 10.0	
Neutrophils	4.30	x10^9/L	2.0 - 7.5	
Lymphocytes	2.29	x10^9/L	1.5 - 4.0	
Monocytes	0.39	x10^9/L	0.2 - 1.0	
Eosinophils	0.17	x10^9/L	0.0 - 0.4	
Basophils	0.05	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 16/03/2026 14:14

Bilirubin	10	umol/L	0 - 20	
Alkaline Phosphatase	122	IU/L	40 - 130	
Aspartate Transaminase	25	IU/L	0 - 40	
Alanine Transaminase	29	IU/L	10 - 50	
Gamma Glutamyl Transferase	25	IU/L	10 - 71	
Total Protein	79	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	*** 36**	**g/L**	**19 - 35**	
Calcium	2.39	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.44	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.16	mmol/L	0.87 - 1.45	

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 16/03/2026 14:13				
Magnesium	0.88	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 16/03/2026 14:14				
Sodium	* **134**	**mmol/L**	**136 - 145**	
Potassium	4.0	mmol/L	3.5 - 5.1	
Chloride	* **97**	**mmol/L**	**98 - 107**	
Urea	4.4	mmol/L	1.7 - 8.3	
Creatinine	68	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Title, Surname: **Mr. Read-Barrow** DOB: 02/07/1982 eMPI

Forename: **Russell** Lab Ref No: 0026X183949 [redacted]

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026X148260**
Ordered date: 02/03/2026 10:06

Specimen: Type: Blood Collected: 02/03/2026 10:05 Received: 02/03/2026 13:10

Carcinoembryonic Antigen (CEA) - Final - 02/03/2026 22:51

CEA	*** 38.6**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 02/03/2026 13:54

HAEMOGLOBIN	138	g/L	130 - 170	
RED CELL COUNT	4.63	x10^12/L	4.40 - 5.80	
HCT	0.40		0.37 - 0.50	
MCV	87.3	fL	80 - 99	
MCH	29.8	pg	27.0 - 33.5	Please note new reference range.
MCHC	342	g/L	320 - 360	
RDW	12.5	%	11.5 - 15.0	
Platelets	261	x10^9/L	150 - 400	
MPV	9.5	fL	7.0 - 13.0	
WHITE CELLS	3.59	x10^9/L	3.0 - 10.0	
Neutrophils	*** 1.92**	**x10^9/L**	**2.0 - 7.5**	
Lymphocytes	*** 1.03**	**x10^9/L**	**1.5 - 4.0**	
Monocytes	0.34	x10^9/L	0.2 - 1.0	
Eosinophils	0.27	x10^9/L	0.0 - 0.4	
Basophils	0.03	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 02/03/2026 16:05

Bilirubin	16	umol/L	0 - 20
Alkaline Phosphatase	91	IU/L	40 - 130
Aspartate Transaminase	30	IU/L	0 - 40
Alanine Transaminase	33	IU/L	10 - 50
Gamma Glutamyl Transferase	21	IU/L	10 - 71
Total Protein	78	g/L	64 - 83
Albumin	41	g/L	34 - 50
Globulins	*** 37**	**g/L**	**19 - 35**
Calcium	2.38	mmol/L	2.20 - 2.60
Adjusted Calcium	2.47	mmol/L	2.20 - 2.60
Inorganic Phosphate	1.03	mmol/L	0.87 - 1.45

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 02/03/2026 16:05				
Magnesium	0.80	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 02/03/2026 16:05				
Sodium	* **134**	**mmol/L**	**136 - 145**	
Potassium	4.5	mmol/L	3.5 - 5.1	
Chloride	98	mmol/L	98 - 107	
Urea	5.4	mmol/L	1.7 - 8.3	
Creatinine	67	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0026X008881**
Ordered date: 06/01/2026 14:59

Specimen: Type: Blood Collected: 06/01/2026 14:50 Received: 06/01/2026 17:15

C Reactive Protein (CRP) (Blood) - Final - 09/01/2026 16:28

C-Reactive protein	*** 87**	**mg/L**	**0.0 - 5.0**	

Carcinoembryonic Antigen (CEA) - Final - 07/01/2026 01:51

CEA	*** 41.7**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 06/01/2026 17:25

HAEMOGLOBIN	*** 129**	**g/L**	**130 - 170**	
RED CELL COUNT	*** 4.24**	**x10^12/L**	**4.40 - 5.80**	
HCT	0.38		0.37 - 0.50	
MCV	89.9	fL	80 - 99	
MCH	30.4	pg	27.0 - 33.5	Please note new reference range.
MCHC	339	g/L	320 - 360	
RDW	13.2	%	11.5 - 15.0	
Platelets	232	x10^9/L	150 - 400	
MPV	9.6	fL	7.0 - 13.0	
WHITE CELLS	8.85	x10^9/L	3.0 - 10.0	
Neutrophils	5.81	x10^9/L	2.0 - 7.5	
Lymphocytes	1.65	x10^9/L	1.5 - 4.0	
Monocytes	*** 1.04**	**x10^9/L**	**0.2 - 1.0**	
Eosinophils	0.32	x10^9/L	0.0 - 0.4	
Basophils	0.03	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 06/01/2026 20:29

Bilirubin	18	umol/L	0 - 20
Alkaline Phosphatase	77	IU/L	40 - 130
Aspartate Transaminase	26	IU/L	0 - 40
Alanine Transaminase	16	IU/L	10 - 50
Gamma Glutamyl Transferase	23	IU/L	10 - 71
Total Protein	79	g/L	64 - 83
Albumin	42	g/L	34 - 50
Globulins	*** 37**	**g/L**	**19 - 35**

Tests requested in this order episode: FBC, CEA, LBP, MG, UE, CRP

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Calcium	2.31	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.38	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.13	mmol/L	0.87 - 1.45	

Magnesium - Final - 06/01/2026 20:28

Magnesium	0.88	mmol/L	0.70 - 1.05	

Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 06/01/2026 20:29

Sodium	* **134**	**mmol/L**	**136 - 145**	
Potassium	4.0	mmol/L	3.5 - 5.1	
Chloride	98	mmol/L	98 - 107	
Urea	5.8	mmol/L	1.7 - 8.3	
Creatinine	75	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: FBC, CEA, LBP, MG, UE, CRP

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X836014**
Ordered date: 24/11/2025 13:19

Specimen: Type: Blood Collected: 24/11/2025 13:15 Received: 24/11/2025 15:26

Carcinoembryonic Antigen (CEA) - Final - 25/11/2025 02:17

CEA	*** 44.6**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 24/11/2025 15:52

HAEMOGLOBIN	131	g/L	130 - 170	
RED CELL COUNT	4.40	x10^12/L	4.40 - 5.80	
HCT	0.39		0.37 - 0.50	
MCV	87.5	fL	80 - 99	
MCH	29.8	pg	27.0 - 33.5	Please note new reference range.
MCHC	340	g/L	320 - 360	
RDW	14.0	%	11.5 - 15.0	
Platelets	248	x10^9/L	150 - 400	
MPV	10.4	fL	7.0 - 13.0	
WHITE CELLS	7.46	x10^9/L	3.0 - 10.0	
Neutrophils	5.45	x10^9/L	2.0 - 7.5	
Lymphocytes	*** 1.32**	**x10^9/L**	**1.5 - 4.0**	
Monocytes	0.55	x10^9/L	0.2 - 1.0	
Eosinophils	0.12	x10^9/L	0.0 - 0.4	
Basophils	0.02	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 24/11/2025 18:46

Bilirubin	*** 23**	**umol/L**	**0 - 20**
Alkaline Phosphatase	85	IU/L	40 - 130
Aspartate Transaminase	23	IU/L	0 - 40
Alanine Transaminase	12	IU/L	10 - 50
Gamma Glutamyl Transferase	23	IU/L	10 - 71
Total Protein	81	g/L	64 - 83
Albumin	45	g/L	34 - 50
Globulins	*** 36**	**g/L**	**19 - 35**
Calcium	2.45	mmol/L	2.20 - 2.60
Adjusted Calcium	2.46	mmol/L	2.20 - 2.60
Inorganic Phosphate	1.41	mmol/L	0.87 - 1.45

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 24/11/2025 18:45				
Magnesium	0.87	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 24/11/2025 18:49				
Sodium	136	mmol/L	136 - 145	
Potassium	4.3	mmol/L	3.5 - 5.1	
Chloride	100	mmol/L	98 - 107	
Urea	8.3	mmol/L	1.7 - 8.3	
Creatinine	86	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]

Lab Ref No: **0025X713342**
Ordered date: 07/10/2025 11:28

Specimen: Type: Blood Collected: 07/10/2025 10:00 Received: 07/10/2025 13:19

Protein Electrophoresis incl Paraprotein Quantitation (Blood) - Final - 08/10/2025 16:18

Total Protein	78	g/L	64 - 83
Albumin	43	g/L	34 - 50
Globulins	35	g/L	19 - 35
Immunoglobulin G	*** 24.2**	**g/L**	**7.0 - 16.0**
Immunoglobulin A	*** 0.19**	**g/L**	**0.7 - 4.0**
Immunoglobulin M	*** 0.3**	**g/L**	**0.4 - 2.3**
Paraprotein Level	18	g/L	
Comment	Paraprotein detected, previously identified as IgG Kappa Immune paresis present.		

Tests requested in this order episode: PELE, SFLC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X712816**
Ordered date: 07/10/2025 10:04

Specimen: Type: Blood Collected: 07/10/2025 10:00 Received: 07/10/2025 13:23

Carcinoembryonic Antigen (CEA) - Final - 07/10/2025 20:55

CEA	*** 32.1**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 07/10/2025 14:14

HAEMOGLOBIN	131	g/L	130 - 170	
RED CELL COUNT	4.42	x10^12/L	4.40 - 5.80	
HCT	0.39		0.37 - 0.50	
MCV	88.0	fL	80 - 99	
MCH	29.6	pg	27.0 - 33.5	Please note new reference range.
MCHC	337	g/L	320 - 360	
RDW	12.1	%	11.5 - 15.0	
Platelets	277	x10^9/L	150 - 400	
MPV	9.9	fL	7.0 - 13.0	
WHITE CELLS	6.43	x10^9/L	3.0 - 10.0	
Neutrophils	4.02	x10^9/L	2.0 - 7.5	
Lymphocytes	*** 1.31**	**x10^9/L**	**1.5 - 4.0**	
Monocytes	0.66	x10^9/L	0.2 - 1.0	
Eosinophils	0.40	x10^9/L	0.0 - 0.4	
Basophils	0.04	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 07/10/2025 16:28

Bilirubin	9	umol/L	0 - 20	
Alkaline Phosphatase	90	IU/L	40 - 130	
Aspartate Transaminase	27	IU/L	0 - 40	
Alanine Transaminase	16	IU/L	10 - 50	
Gamma Glutamyl Transferase	26	IU/L	10 - 71	
Total Protein	78	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	35	g/L	19 - 35	
Calcium	2.46	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.51	mmol/L	2.20 - 2.60	
Inorganic Phosphate	*** 0.61**	**mmol/L**	**0.87 - 1.45**	

Tests requested in this order episode: CEA, FBC, LBP, UE

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 07/10/2025 16:28				
Sodium	* **133**	**mmol/L**	**136 - 145**	
Potassium	4.9	mmol/L	3.5 - 5.1	
Chloride	* **97**	**mmol/L**	**98 - 107**	
Urea	4.0	mmol/L	1.7 - 8.3	
Creatinine	94	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	85	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, UE

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X575754**
Ordered date: 11/08/2025 13:27

Specimen: Type: Blood Collected: 11/08/2025 13:25 Received: 11/08/2025 17:17

Carcinoembryonic Antigen (CEA) - Final - 12/08/2025 01:43

CEA	*** 15.6**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 11/08/2025 17:44

HAEMOGLOBIN	*** 128**	**g/L**	**130 - 170**	
RED CELL COUNT	*** 4.09**	**x10^12/L**	**4.40 - 5.80**	
HCT	0.38		0.37 - 0.50	
MCV	93.4	fL	80 - 99	
MCH	31.3	pg	27.0 - 33.5	Please note new reference range.
MCHC	335	g/L	320 - 360	
RDW	13.4	%	11.5 - 15.0	
Platelets	241	x10^9/L	150 - 400	
MPV	10.0	fL	7.0 - 13.0	
WHITE CELLS	6.65	x10^9/L	3.0 - 10.0	
Neutrophils	4.20	x10^9/L	2.0 - 7.5	
Lymphocytes	1.61	x10^9/L	1.5 - 4.0	
Monocytes	0.55	x10^9/L	0.2 - 1.0	
Eosinophils	0.22	x10^9/L	0.0 - 0.4	
Basophils	0.07	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 11/08/2025 20:59

Bilirubin	*** 27**	**umol/L**	**0 - 20**	
Alkaline Phosphatase	95	IU/L	40 - 130	
Aspartate Transaminase	36	IU/L	0 - 40	
Alanine Transaminase	30	IU/L	10 - 50	
Gamma Glutamyl Transferase	19	IU/L	10 - 71	
Total Protein	75	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	32	g/L	19 - 35	
Calcium	2.39	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.44	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.19	mmol/L	0.87 - 1.45	

Tests requested in this order episode: MG, CEA, LBP, UE, FBC

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 11/08/2025 20:59				
Magnesium	0.82	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 11/08/2025 20:59				
Sodium	137	mmol/L	136 - 145	
Potassium	4.1	mmol/L	3.5 - 5.1	
Chloride	98	mmol/L	98 - 107	
Urea	5.1	mmol/L	1.7 - 8.3	
Creatinine	85	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: MG, CEA, LBP, UE, FBC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X494279**
Ordered date: 08/07/2025 10:46

Specimen: Type: Blood Collected: 08/07/2025 10:45 Received: 08/07/2025 13:10

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 08/07/2025 16:29				
Bilirubin	14	umol/L	0 - 20	
Alkaline Phosphatase	* **211**	**IU/L**	**40 - 130**	
Aspartate Transaminase	31	IU/L	0 - 40	
Alanine Transaminase	42	IU/L	10 - 50	
Gamma Glutamyl Transferase	28	IU/L	10 - 71	
Total Protein	76	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	33	g/L	19 - 35	
Calcium	2.34	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.39	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.14	mmol/L	0.87 - 1.45	
Magnesium - Final - 08/07/2025 16:29				
Magnesium	0.90	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 08/07/2025 16:29				
Sodium	* **134**	**mmol/L**	**136 - 145**	
Potassium	3.7	mmol/L	3.5 - 5.1	
Chloride	99	mmol/L	98 - 107	
Urea	6.9	mmol/L	1.7 - 8.3	
Creatinine	70	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: LBP, MG, UE

Reviewed By: *Initials* *Date*

Bath Clinic

[redacted],
CHG - Bath Clinic
The Bath Clinic
Claverton Down Road
Combe Down
Bath
BA2 7BR

Patient: Mr Russell Read-Barrow (02-Jul-1982)
Address: [redacted], Bath, [redacted]
Hospital No: [redacted] **NHS No:** [redacted]
Referring clinician: [redacted]

Date of examination: 08-Jul-2025
REPORT
CT Thorax abdo & pelvis with contrast: (reported 09-Jul-2025)
Comparison with previous from 5/3/25.
There is a right-sided port in situ with tip in the SVC.
The multiple areas of opacification in both lungs are similar, if not slightly smaller to previously. The previously seen nodule in the middle lobe has almost entirely resolved. No definite new lung nodules identified.
There has been a reduction in size of the previously seen right hilar and mediastinal lymph nodes, for example right hilar node has reduced in size from 24 mm to approximately 10 mm and a subcarinal node has reduced from 42 x 26 mm to 28 x 13 mm.

Previous liver resection noted.
No new abnormality identified within the liver. Previous cholecystectomy. Normal pancreas, spleen, adrenals, kidneys and urinary bladder.
Previous colonic resection noted. Anastomosis appears clear. The residual bowel is unremarkable.
No convincing peritoneal nodules.

Previous left anterior rib fracture noted.
No new destructive skeletal lesions.

Conclusion:
There has been a good partial response to treatment of the mediastinal and right hilar nodes. The right middle lobe nodule has resolved. Otherwise stable appearance in the lungs. No new or progressive disease identified.

Reporter: [redacted] ([redacted]) - 09-Jul-2025 14:12:32
Bath -
Tel: ., Email: Unknown

Patient: Mr Russell Read-Barrow
Exams: CT Thorax abdo & pelvis with co
Exam Date: 08-Jul-2025 **Hosp No:** [redacted] **DOB:** 02-Jul-1982

Reporting clinician: [redacted] (Consultant Radiologist)
Verified by: [redacted] (09-Jul-2025)

Printed on: 10-Jul-2025 09:01

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X494279**
Ordered date: 08/07/2025 10:46

Specimen: Type: Blood Collected: 08/07/2025 10:45 Received: 08/07/2025 13:10

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 08/07/2025 16:29				
Bilirubin	14	umol/L	0 - 20	
Alkaline Phosphatase	* **211**	**IU/L**	**40 - 130**	
Aspartate Transaminase	31	IU/L	0 - 40	
Alanine Transaminase	42	IU/L	10 - 50	
Gamma Glutamyl Transferase	28	IU/L	10 - 71	
Total Protein	76	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	33	g/L	19 - 35	
Calcium	2.34	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.39	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.14	mmol/L	0.87 - 1.45	
Magnesium - Final - 08/07/2025 16:29				
Magnesium	0.90	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 08/07/2025 16:29				
Sodium	* **134**	**mmol/L**	**136 - 145**	
Potassium	3.7	mmol/L	3.5 - 5.1	
Chloride	99	mmol/L	98 - 107	
Urea	6.9	mmol/L	1.7 - 8.3	
Creatinine	70	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: LBP, MG, UE

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]

Lab Ref No: **0025X474942**
Ordered date: 30/06/2025 14:16

Specimen: Type: Blood Collected: 30/06/2025 14:15 Received: 30/06/2025 17:21

Protein Electrophoresis incl Paraprotein Quantitation (Blood) - Final - 01/07/2025 10:00			
Total Protein	72	g/L	64 - 83
Albumin	42	g/L	34 - 50
Globulins	30	g/L	19 - 35
Immunoglobulin G	*** 19.8**	**g/L**	**7.0 - 16.0**
Immunoglobulin A	*** 0.16**	**g/L**	**0.7 - 4.0**
Immunoglobulin M	*** 0.2**	**g/L**	**0.4 - 2.3**
Paraprotein Level	17	g/L	
Comment	Paraprotein detected, previously identified as IgG Kappa Immune paresis present.		

Tests requested in this order episode: PELE, SFLC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Special Pathology report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X474943**
Ordered date: 30/06/2025 14:16

Specimen: Type: Blood Collected: 30/06/2025 14:15 Received: 30/06/2025 17:22

Free Light Chains (Including Ratio) (Serum) - Final - 01/07/2025 17:09

Free Kappa Light Chains	*** 22.8**	**mg/L**	**3.3 - 19.4**	
Free Lambda Light Chains	6.9	mg/L	5.7 - 26.3	
Kappa/Lambda ratio	*** 3.3**		**0.26 - 1.65**	**Note that in chronic kidney disease, the kappa:lambda ratio reference range is 0.37 - 3.10. In a small proportion of patients, free light chain concentrations are under estimated due to antigen excess. Free light chain results must always be interpreted inconjunction with other laboratory test results and clinical evidence. Result anomalies should be discussed with the testing laboratory. Please note, sample analysed in-house effective 01/11/2021.**

Tests requested in this order episode: PELE, SFLC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X475370**
Ordered date: 30/06/2025 15:36

Specimen: Type: Blood Collected: 30/06/2025 14:20 Received: 30/06/2025 17:19

C Reactive Protein (CRP) (Blood) - Final - 30/06/2025 21:10

C-Reactive protein	1	mg/L	0.0 - 5.0	

Copper (Serum) - Final - 03/07/2025 11:38

Copper (serum)	12.4	umol/L	11.0 - 22.0	Result from Referral Laboratory ID [900].

Lactate Dehydroganase (LDH) - Final - 30/06/2025 21:10

Lactate Dehydrogenase	203	IU/L	135 - 225	

Vitamin D (25 Hydroxy) - Final - 01/07/2025 02:20

Vitamin D	111	nmol/L		Deficient : < 25 nmol/L Insufficient : 25-50 nmol/L Consider reducing dose: > 200 nmol/L

Tests requested in this order episode: COP, CRP, LDH, VITD

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]

Lab Ref No: **0025X475370**
Ordered date: 30/06/2025 15:36

Specimen: Type: Blood Collected: 30/06/2025 14:20 Received: 30/06/2025 17:19

C Reactive Protein (CRP) (Blood) - Final - 30/06/2025 21:10

C-Reactive protein	1	mg/L	0.0 - 5.0	

Copper (Serum) - Final - 03/07/2025 11:38

Copper (serum)	12.4	umol/L	11.0 - 22.0	Result from Referral Laboratory ID [900].

Lactate Dehydroganase (LDH) - Final - 30/06/2025 21:10

Lactate Dehydrogenase	203	IU/L	135 - 225	

Vitamin D (25 Hydroxy) - Final - 01/07/2025 02:20

Vitamin D	111	nmol/L		Deficient : < 25 nmol/L Insufficient : 25-50 nmol/L Consider reducing dose: > 200 nmol/L

Tests requested in this order episode: COP, CRP, LDH, VITD

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X475348**
Ordered date: 30/06/2025 15:32

Specimen: Type: Blood Collected: 30/06/2025 10:40 Received: 30/06/2025 17:17

Carcinoembryonic Antigen (CEA) - Final - 01/07/2025 04:13				
CEA	*** 11.4**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**
ESR (Erythrocyte Sedimentation Rate) - Final - 30/06/2025 18:19				
ESR	20	mm/hr	1 - 20	
Full Blood Count (Incl.Diff) (FBC) - Final - 30/06/2025 17:43				
HAEMOGLOBIN	*** 124**	**g/L**	**130 - 170**	
RED CELL COUNT	*** 3.98**	**x10^12/L**	**4.40 - 5.80**	
HCT	*** 0.36**		**0.37 - 0.50**	
MCV	91.0	fL	80 - 99	
MCH	31.2	pg	27.0 - 33.5	Please note new reference range.
MCHC	343	g/L	320 - 360	
RDW	14.9	%	11.5 - 15.0	
Platelets	256	x10^9/L	150 - 400	
MPV	9.7	fL	7.0 - 13.0	
WHITE CELLS	6.65	x10^9/L	3.0 - 10.0	
Neutrophils	4.20	x10^9/L	2.0 - 7.5	
Lymphocytes	1.54	x10^9/L	1.5 - 4.0	
Monocytes	0.58	x10^9/L	0.2 - 1.0	
Eosinophils	0.26	x10^9/L	0.0 - 0.4	
Basophils	0.07	x10^9/L	0.0 - 0.1	
Liver Bone Test (LFT, Calcium, Phosphate) - Final - 30/06/2025 21:07				
Bilirubin	19	umol/L	0 - 20	
Alkaline Phosphatase	*** 150**	**IU/L**	**40 - 130**	
Aspartate Transaminase	*** 56**	**IU/L**	**0 - 40**	
Alanine Transaminase	39	IU/L	10 - 50	
Gamma Glutamyl Transferase	26	IU/L	10 - 71	
Total Protein	71	g/L	64 - 83	
Albumin	40	g/L	34 - 50	
Globulins	31	g/L	19 - 35	

Tests requested in this order episode: UE, CEA, LBP, MG, ESR, FBC

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Calcium	2.32	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.43	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.15	mmol/L	0.87 - 1.45	
Magnesium - Final - 30/06/2025 21:07				
Magnesium	0.86	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 30/06/2025 21:07				
Sodium	136	mmol/L	136 - 145	
Potassium	4.0	mmol/L	3.5 - 5.1	
Chloride	101	mmol/L	98 - 107	
Urea	4.8	mmol/L	1.7 - 8.3	
Creatinine	91	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	89	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: UE, CEA, LBP, MG, ESR, FBC

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X436564**
Ordered date: 16/06/2025 08:34

Specimen: Type: Blood Collected: 16/06/2025 08:30 Received: 16/06/2025 11:20

Carcinoembryonic Antigen (CEA) - Final - 16/06/2025 20:19

CEA	*** 17.5**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 16/06/2025 11:34

HAEMOGLOBIN	136	g/L	130 - 170	
RED CELL COUNT	4.41	x10^12/L	4.40 - 5.80	
HCT	0.39		0.37 - 0.50	
MCV	88.7	fL	80 - 99	
MCH	30.8	pg	27.0 - 33.5	Please note new reference range.
MCHC	348	g/L	320 - 360	
RDW	14.3	%	11.5 - 15.0	
Platelets	298	x10^9/L	150 - 400	
MPV	9.7	fL	7.0 - 13.0	
WHITE CELLS	5.34	x10^9/L	3.0 - 10.0	
Neutrophils	3.00	x10^9/L	2.0 - 7.5	
Lymphocytes	1.58	x10^9/L	1.5 - 4.0	
Monocytes	0.42	x10^9/L	0.2 - 1.0	
Eosinophils	0.29	x10^9/L	0.0 - 0.4	
Basophils	0.05	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 16/06/2025 14:46

Bilirubin	18	umol/L	0 - 20	
Alkaline Phosphatase	*** 145**	**IU/L**	**40 - 130**	
Aspartate Transaminase	32	IU/L	0 - 40	
Alanine Transaminase	47	IU/L	10 - 50	
Gamma Glutamyl Transferase	28	IU/L	10 - 71	
Total Protein	77	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	34	g/L	19 - 35	
Calcium	2.41	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.46	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.12	mmol/L	0.87 - 1.45	

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 16/06/2025 14:46				
Magnesium	0.87	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 16/06/2025 14:46				
Sodium	136	mmol/L	136 - 145	
Potassium	4.3	mmol/L	3.5 - 5.1	
Chloride	102	mmol/L	98 - 107	
Urea	6.0	mmol/L	1.7 - 8.3	
Creatinine	75	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X398518**
Ordered date: 02/06/2025 09:31

Specimen: Type: Blood Collected: 02/06/2025 09:30 Received: 02/06/2025 11:07

Carcinoembryonic Antigen (CEA) - Final - 03/06/2025 00:34

CEA	*** 30.5**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 02/06/2025 11:18

HAEMOGLOBIN	140	g/L	130 - 170	
RED CELL COUNT	4.58	x10^12/L	4.40 - 5.80	
HCT	0.40		0.37 - 0.50	
MCV	88.0	fL	80 - 99	
MCH	30.6	pg	27.0 - 33.5	Please note new reference range.
MCHC	347	g/L	320 - 360	
RDW	13.6	%	11.5 - 15.0	
Platelets	270	x10^9/L	150 - 400	
MPV	9.4	fL	7.0 - 13.0	
WHITE CELLS	6.57	x10^9/L	3.0 - 10.0	
Neutrophils	3.74	x10^9/L	2.0 - 7.5	
Lymphocytes	1.86	x10^9/L	1.5 - 4.0	
Monocytes	0.57	x10^9/L	0.2 - 1.0	
Eosinophils	0.34	x10^9/L	0.0 - 0.4	
Basophils	0.06	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 02/06/2025 17:09

Bilirubin	15	umol/L	0 - 20	
Alkaline Phosphatase	*** 144**	**IU/L**	**40 - 130**	
Aspartate Transaminase	*** 44**	**IU/L**	**0 - 40**	
Alanine Transaminase	*** 71**	**IU/L**	**10 - 50**	
Gamma Glutamyl Transferase	33	IU/L	10 - 71	
Total Protein	77	g/L	64 - 83	
Albumin	44	g/L	34 - 50	
Globulins	33	g/L	19 - 35	
Calcium	2.43	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.46	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.09	mmol/L	0.87 - 1.45	

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: *Initials* *Date*

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 02/06/2025 17:09				
Magnesium	0.92	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 02/06/2025 17:09				
Sodium	* **135**	**mmol/L**	**136 - 145**	
Potassium	4.2	mmol/L	3.5 - 5.1	
Chloride	* **97**	**mmol/L**	**98 - 107**	
Urea	6.0	mmol/L	1.7 - 8.3	
Creatinine	78	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X364658**
Ordered date: 19/05/2025 09:48

Specimen: Type: Blood Collected: 19/05/2025 09:45 Received: 19/05/2025 11:07

Carcinoembryonic Antigen (CEA) - Final - 19/05/2025 22:16

CEA	*** 68.2**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 19/05/2025 11:23

HAEMOGLOBIN	140	g/L	130 - 170	
RED CELL COUNT	4.62	x10^12/L	4.40 - 5.80	
HCT	0.41		0.37 - 0.50	
MCV	87.9	fL	80 - 99	
MCH	30.3	pg	27.0 - 33.5	Please note new reference range.
MCHC	345	g/L	320 - 360	
RDW	13.5	%	11.5 - 15.0	
Platelets	267	x10^9/L	150 - 400	
MPV	9.5	fL	7.0 - 13.0	
WHITE CELLS	7.29	x10^9/L	3.0 - 10.0	
Neutrophils	4.45	x10^9/L	2.0 - 7.5	
Lymphocytes	1.94	x10^9/L	1.5 - 4.0	
Monocytes	0.66	x10^9/L	0.2 - 1.0	
Eosinophils	0.18	x10^9/L	0.0 - 0.4	
Basophils	0.05	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 19/05/2025 15:09

Bilirubin	19	umol/L	0 - 20	
Alkaline Phosphatase	*** 138**	**IU/L**	**40 - 130**	
Aspartate Transaminase	33	IU/L	0 - 40	
Alanine Transaminase	50	IU/L	10 - 50	
Gamma Glutamyl Transferase	35	IU/L	10 - 71	
Total Protein	78	g/L	64 - 83	
Albumin	44	g/L	34 - 50	
Globulins	34	g/L	19 - 35	
Calcium	2.38	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.41	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.15	mmol/L	0.87 - 1.45	

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 19/05/2025 15:09				
Magnesium	0.85	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 19/05/2025 15:09				
Sodium	136	mmol/L	136 - 145	
Potassium	4.2	mmol/L	3.5 - 5.1	
Chloride	99	mmol/L	98 - 107	
Urea	5.4	mmol/L	1.7 - 8.3	
Creatinine	79	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: **CHG POC Testing**

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Unknown (Bath Clinic)
eMPI Number: [redacted]

Lab Ref No: **0025O194769**
Ordered date: 06/05/2025 10:23

Specimen: Type: Blood Collected: 06/05/2025 10:21 Received: 06/05/2025 10:19

POCHI FBC - Final - 06/05/2025 10:19			
Haemoglobin	142	g/L	130 - 170
HCT	0.41	L/L	0.37 - 0.50
Red blood cells	4.7	x10^12/L	4.40 - 5.80
MCV	87.6	fL	80 - 99
MCH	30.3	pg	26.0 - 33.5
MCHC	346	g/L	300 - 350
Platelets	250	x10^9/L	150 - 400
MPV	9.4	fL	
PDW	9.2	fL	
White blood cells	4.9	x10^9/L	3.0 - 10.0
Neutrophils	2.5	x10^9/L	2.0 - 7.5
Lymphocytes	1.9	x10^9/L	1.5 - 4.0
Mixed cell population	0.5	x10^9/L	
Operator Name	[redacted]		
Operator	[redacted]		

Tests requested in this order episode: NFBC

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X322344**
Ordered date: 01/05/2025 09:22

Specimen: Type: Blood Collected: 01/05/2025 09:20 Received: 01/05/2025 11:09

Carcinoembryonic Antigen (CEA) - Final - 01/05/2025 19:54

CEA	*** 85.4**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 01/05/2025 12:38

HAEMOGLOBIN	135	g/L	130 - 170	
RED CELL COUNT	4.43	x10^12/L	4.40 - 5.80	
HCT	0.39		0.37 - 0.50	
MCV	87.4	fL	80 - 99	
MCH	30.5	pg	27.0 - 33.5	Please note new reference range.
MCHC	349	g/L	320 - 360	
RDW	12.5	%	11.5 - 15.0	
Platelets	256	x10^9/L	150 - 400	
MPV	9.8	fL	7.0 - 13.0	
WHITE CELLS	5.97	x10^9/L	3.0 - 10.0	
Neutrophils	3.16	x10^9/L	2.0 - 7.5	
Lymphocytes	1.80	x10^9/L	1.5 - 4.0	
Monocytes	0.64	x10^9/L	0.2 - 1.0	
Eosinophils	0.33	x10^9/L	0.0 - 0.4	
Basophils	0.04	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 01/05/2025 14:56

Bilirubin	10	umol/L	0 - 20	
Alkaline Phosphatase	113	IU/L	40 - 130	
Aspartate Transaminase	34	IU/L	0 - 40	
Alanine Transaminase	*** 53**	**IU/L**	**10 - 50**	
Gamma Glutamyl Transferase	31	IU/L	10 - 71	
Total Protein	78	g/L	64 - 83	
Albumin	43	g/L	34 - 50	
Globulins	35	g/L	19 - 35	
Calcium	2.35	mmol/L	2.20 - 2.60	
Adjusted Calcium	2.40	mmol/L	2.20 - 2.60	
Inorganic Phosphate	1.15	mmol/L	0.87 - 1.45	

Tests requested in this order episode: UE, FBC, CEA, LBP, MG

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 01/05/2025 14:56				
Magnesium	0.89	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 01/05/2025 14:56				
Sodium	136	mmol/L	136 - 145	
Potassium	4.1	mmol/L	3.5 - 5.1	
Chloride	99	mmol/L	98 - 107	
Urea	4.7	mmol/L	1.7 - 8.3	
Creatinine	75	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: UE, FBC, CEA, LBP, MG

Reviewed By: *Initials* *Date*

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X291661**
Ordered date: 17/04/2025 10:09

Specimen: Type: Blood Collected: 17/04/2025 10:00 Received: 17/04/2025 13:31

Carcinoembryonic Antigen (CEA) - Final - 17/04/2025 22:58

CEA	*** 66.1**	**ug/L**	**0 - 4.9**	**Reference range Non Smokers <5 Smokers <6.5ug/L Method used for CEA: Roche Modular**

Full Blood Count (Incl.Diff) (FBC) - Final - 17/04/2025 13:56

HAEMOGLOBIN	133	g/L	130 - 170	
RED CELL COUNT	*** 4.37**	**x10^12/L**	**4.40 - 5.80**	
HCT	0.40		0.37 - 0.50	
MCV	90.4	fL	80 - 99	
MCH	30.4	pg	27.0 - 33.5	Please note new reference range.
MCHC	337	g/L	320 - 360	
RDW	12.8	%	11.5 - 15.0	
Platelets	217	x10^9/L	150 - 400	
MPV	10.0	fL	7.0 - 13.0	
WHITE CELLS	6.07	x10^9/L	3.0 - 10.0	
Neutrophils	3.81	x10^9/L	2.0 - 7.5	
Lymphocytes	*** 1.29**	**x10^9/L**	**1.5 - 4.0**	
Monocytes	0.63	x10^9/L	0.2 - 1.0	
Eosinophils	0.29	x10^9/L	0.0 - 0.4	
Basophils	0.04	x10^9/L	0.0 - 0.1	

Liver Bone Test (LFT, Calcium, Phosphate) - Final - 17/04/2025 14:09

Bilirubin	*** 26**	**umol/L**	**0 - 20**
Alkaline Phosphatase	80	IU/L	40 - 130
Aspartate Transaminase	31	IU/L	0 - 40
Alanine Transaminase	18	IU/L	10 - 50
Gamma Glutamyl Transferase	28	IU/L	10 - 71
Total Protein	81	g/L	64 - 83
Albumin	42	g/L	34 - 50
Globulins	*** 39**	**g/L**	**19 - 35**
Calcium	2.44	mmol/L	2.20 - 2.60
Adjusted Calcium	2.51	mmol/L	2.20 - 2.60
Inorganic Phosphate	1.27	mmol/L	0.87 - 1.45

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Magnesium - Final - 17/04/2025 14:09				
Magnesium	0.83	mmol/L	0.70 - 1.05	
Urea & Electrolytes inc. eGFR (U&E) (Blood) - Final - 17/04/2025 14:10				
Sodium	136	mmol/L	136 - 145	
Potassium	4.4	mmol/L	3.5 - 5.1	
Chloride	100	mmol/L	98 - 107	
Urea	3.2	mmol/L	1.7 - 8.3	
Creatinine	79	umol/L	59 - 104	Please note method changed to enzymatic and reference range change effective 08.04.24
eGFR (CKD-EPI)	>90	ml/min		Adjusting eGFR for ethnicity is no longer advised. eGFR is unreliable in AKI. For more advice on this refer to NICE CKD guidelines. Please note change in calculation to CKD-EPI effective from 26/09/2022

Tests requested in this order episode: CEA, FBC, LBP, MG, UE

Reviewed By: Initials Date

Circle Health Group

Bath Clinic

Blood Sciences report

Pathology service provided by The Doctors Laboratory (Tel: 020 7307 7373)

Referring Clinician: [redacted]

Title, Surname: **Mr. Read-Barrow**
Forename: **Russell**
DOB: 02/07/1982 Sex: Male
NHS No:

Location Ref: Oncology OPD (Bath Clinic)
eMPI Number: [redacted]
Lab Ref No: **0025X228659**
Ordered date: 24/03/2025 13:27

Specimen: Type: Blood Collected: 24/03/2025 13:20 Received: 24/03/2025 15:31

Hepatitis B Surface Antibody - Final - 25/03/2025 02:47

Hep. B surface Antibody	<10	mIU/ml	Non Immune to Hepatitis B. If the antibody level is <10 mIU/mL, HBsAg(Hep B surface antigen) and anti-HBc(Hep B core antibody) should be performed as recommended by the DoH. The sample will be stored for 7 days. Please contact the laboratory if you wish these additional tests to be undertaken.

Hepatitis B Surface Antigen - Final - 25/03/2025 02:47

Hep. B surface Antigen	Negative

Hepatitis C Antibody - Final - 25/03/2025 02:47

Hep. C Antibody	Not Detected

HIV 1 & 2 Antibody / P24 Antigen Screen - Final - 25/03/2025 02:47

HIV (1 & 2 /P24 Ag) Screen	Not Detected

Tests requested in this order episode: HEPC, HIV, HPAB, HPAG

Reviewed By: Initials Date