HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-H-H902
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Haematology
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 22/02/2023 17:39

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

HAEMATOLOGY

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
Haemoglobin	145	154	147	**142**	g/L	(119-160)
RCC	4.9	5.1	5.2	**4.9**	x10*12/L	(3.8-5.8)
Haematocrit	0.44	0.46	0.46	**0.45**		(0.35-0.48)
MCV	90	91	89	**91**	fL	(80-100)
MCH	29.8	30.1	28.4	**28.9**	pg	(27.0-32.0)
MCHC	331	333	320	**318**	g/L	(310-360)
RDW	12.5	12.5	12.8	**12.6**		(10.0-15.0)
WCC	5.6	6.4	6.9	**7.9**	x10*9/L	(4.0-11.0)
Neutrophils	2.65	3.63	3.35	**4.21**	x10*9/L	(2.0-7.5)
Lymphocytes	2.21	2.12	2.74	**2.79**	x10*9/L	(1.0-4.0)
Monocytes	0.55	0.52	0.54	**0.72**	x10*9/L	(0.0-1.0)
Eosinophils	0.12	0.10	0.17	**0.12**	x10*9/L	(0.0-0.5)
Basophils	0.06	0.05	0.07	**0.06**	x10*9/L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	**<1.0**	/100 WBC	(<1)
Platelets	334	359	397	**360**	x10*9/L	(150-450)
ESR	14	10	17	**13**	mm/h	(1-35)

Comments on Collection 22/02/23 1346:
Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e),ESR(e)
Tests Pending : LFT(s),C(s),UCreat(s),E(s),Glu(p),Iron(s),
Lipids HDL(s),CRP(s),Vit D(s),TSH(s),ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C141
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Biochemistry
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 22/02/2023 19:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

BIOCHEMISTRY

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
Status	Fasting	Fasting	Random	**Random**		
Sodium	141	142	143	**141**	mmol/L	(135-145)
Potassium	4.6	4.8	4.5	**4.8**	mmol/L	(3.5-5.5)
Chloride	106	106	106	**106**	mmol/L	(95-110)
Bicarbonate	28	28	26	**28**	mmol/L	(20-32)
Urea	4.6	6.1	5.5	**5.7**	mmol/L	(3.0-8.5)
Creatinine	55	60	55	**65**	umol/L	(45-85)
eGFR	>90	>90	>90	**89**	mL/min/1.73m2	(>59)
Bili.Total	8	7	8	**8**	umol/L	(3-15)
ALP	86	87	92	**85**	U/L	(30-115)
GGT	29	29	H 36	**29**	U/L	(5-35)
LD	192	207	176	**188**	U/L	(120-250)
AST	20	19	18	**21**	U/L	(10-35)
ALT	16	16	16	**16**	U/L	(5-30)
Total Protein	72	75	73	**72**	g/L	(64-83)
Albumin	42	43	43	**44**	g/L	(36-47)
Globulin	30	32	30	**28**	g/L	(23-39)
Cholesterol	5.5	H 5.7	H 5.8	**H 5.8**	mmol/L	(<5.5)
Triglycerides	0.9	1.0	H 2.4	**1.7**	mmol/L	(<2.0)

Comments on Collection 22/02/23 1346:
eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Lipids HDL(s),
CRP(s),FBC(e),ESR(e)
Tests Pending : Iron(s),Vit D(s),TSH(s),ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C924
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Glucose
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 22/02/2023 18:43

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

GLUCOSE

Date	16/07/20	04/06/21	14/07/22	**22/02/23**			
Time F-Fast	0817 F	Unkn F	1027	**1346**			
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference	
F Gluc Plasma	4.5	4.8			mmol/L	(3.6-6.0)	
R Gluc Plasma			5.0	**5.1**	mmol/L	(3.6-7.7)	

NATA Accreditation No 2178

Tests Completed: Glu(p),FBC(e),ESR(e)
Tests Pending : LFT(s),C(s),UCreat(s),E(s),Iron(s),Lipids HDL(s), CRP(s),Vit D(s),TSH(s),ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C205
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Lipids HDL(s)
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 22/02/2023 19:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
Status	Fasting	Fasting	Random	**Random**		
Cholesterol	5.5	H 5.7	H 5.8	**H 5.8**	mmol/L	(<5.5)
Triglycerides	0.9	1.0	H 2.4	**1.7**	mmol/L	(<2.0)
HDL Chol.	2.0	2.1	1.7	**1.9**	mmol/L	(>1.2)
LDL Chol.	3.1	3.1	3.0	**H 3.1**	mmol/L	(<3.0)
Non-HDL Chol.				**3.9**	mmol/L	(<4.0)

Comments on Collection 22/02/23 1346:
Please note that the above reference limits are decision limits.
A flag based on these limits is an indication to review the absolute cardiovascular risk for the patient. For assessment of absolute cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Consensus Statement 2016 and the Australasian Association of Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 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)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for any measured lipid components moving towards and beyond the various target levels.

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Lipids HDL(s),

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C290
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: CRP(s)
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 22/02/2023 19:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
CRP	4.5	3.1	H 5.5	**4.2**	mg/L	(0.0-5.0)

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Lipids HDL(s), CRP(s),FBC(e),ESR(e)
Tests Pending : Iron(s),Vit D(s),TSH(s),ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-E-E031
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Thyroid Function
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 23/02/2023 04:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

TFT

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Refere
TSH	1.39	1.12	1.77	**1.36**	mIU/L	(0.40-4.00)

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Iron(s),
Lipids HDL(s),CRP(s),Vit D(s),TSH(s),FBC(e),ESR(e)
Tests Pending : ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C151
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Iron Studies
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 23/02/2023 04:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

IRON

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
Iron	14.8	14.6	17.5	**20.7**	umol/L	(5.0-30.0)
Transferrin	2.7	2.9	2.8	**2.7**	g/L	(2.0-3.2)
TIBC (Calc)	60	64	62	**60**	umol/L	(46-70)
Saturation	25	23	28	**35**	%	(10-45)
Ferritin	56	54	71	**65**	ug/L	(30-300)

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Iron(s),
Lipids HDL(s),CRP(s),Vit D(s),TSH(s),FBC(e),ESR(e)
Tests Pending : ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-C-C513
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Vit D(s)
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 23/02/2023 04:10

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

Date	16/07/20	04/06/21	14/07/22	**22/02/23**		
Time F-Fast	0817 F	Unkn F	1027	**1346**		
Lab ID	846044408	861912564	881323370	**885101340**	Units	Reference
Vitamin D	68	74	56	**78**	nmol/L	(50-140)

Comments on Collection 22/02/23 1346:
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):686-687, 2012, Vitamin D status is defined as:

Mild Deficiency	30	-	49 nmol/L
Moderate Deficiency	12.5	-	29 nmol/L
Severe Deficiency	<12.5 nmol/L		

Vitamin D adequacy can be defined as a level >49 nmol/L at the end of winter - the level may need to be 10 - 20 nmol/L higher at the end of summer, to allow for seasonal decrease.
From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Iron(s),
Lipids HDL(s),CRP(s),Vit D(s),TSH(s),FBC(e),ESR(e)
Tests Pending : ANCA(s),BlGrp(e)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLM LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 509C2A6E5E **Lab Reference:** 885101340-J-J002
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: Blood Bank
Requested: 18/01/2023 **Collected:** 22/02/2023 **Reported:** 23/02/2023 10:39

Clinical notes: sister witih weigners

Clinical Notes : sister witih weigners

Blood Bank Serology

Blood Group	O Rh(D) Negative

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(p),Iron(s),
Lipids HDL(s),CRP(s),Vit D(s),TSH(s),FBC(e),ESR(e),BlGrp(e)
Tests Pending : ANCA(s)
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLN LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 5888066AC3 **Lab Reference:** 881323370-I-I008
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: ANA(s)
Requested: 14/07/2022 **Collected:** 14/07/2022 **Reported:** 15/07/2022 16:09

Clinical notes: persitant fatigue a joint space

Clinical Notes : persitant fatigue a joint space

Antinuclear Antibodies

ANA	Not Detected

Comment on Lab ID 881323370

(Screened at a titre of 80)

PLEASE NOTE: As of 18/10/2021, ANA testing will be reported using Inova Hep2 slides. Occasional patients may react differently with this change in test system.

NATA Accreditation No 2178

Tests Completed: RF(s),B12(s),Fol(s),LFT(s),C(s),UCreat(s),E(s), Glu(p),Iron(s),HDL & LIPIDS,CRP(s),Vit D(s),TSH(s), Active B12(s),FBC(e),ESR(e),ANA(s)

Tests Pending :
Sample Pending :

HOLLAND, WENDY
6-8 STONEHOLN LANE, WOODFORD. 2778
Phone: 0417735976
Birthdate: 03/09/1957 **Sex:** F **Medicare Number:** 2273184259
Your Reference: 5888066AC3 **Lab Reference:** 881323370-I-I008
Laboratory: bsp
Addressee: DR KAREN WOOLLEY **Referred by:** DR KAREN WOOLLEY

Name of Test: ANA(s)
Requested: 14/07/2022 **Collected:** 14/07/2022 **Reported:** 15/07/2022 16:09

Clinical notes: persitant fatigue a joint space

Clinical Notes : persitant fatigue a joint space

Antinuclear Antibodies

ANA Not Detected

Comment on Lab ID 881323370

(Screened at a titre of 80)

PLEASE NOTE: As of 18/10/2021, ANA testing will be reported using Inova Hep2 slides. Occasional patients may react differently with this change in test system.

NATA Accreditation No 2178

Tests Completed: RF(s),B12(s),Fol(s),LFT(s),C(s),UCreat(s),E(s), Glu(p),Iron(s),HDL & LIPIDS,CRP(s),Vit D(s),TSH(s), Active B12(s),FBC(e),ESR(e),ANA(s)

Tests Pending :
Sample Pending :