

LABORATORY 3427-3420 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT: MISS SUZIE SHORT 82 RAILWAY STREET COTTESLOE WA 6011 PH: 0893854066 DOB: 02/09/1987 SEX: FEMALE UR#: REF: 00024459	REQUEST DETAILS: LAB REF: 23-84916261-TMS-0 REFERRED: 20/11/23 COLLECTED: 22/11/23 09:20 REPORTED: 24/11/23 13:51 TESTED: 22/11/23 BATCH: 0 0	MS KRISTIN BECKEDAHL 99 HEALY ROAD HAMILTON HILL WA 6163
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TOXICOLOGY

SPECIMEN: SERUM/PLASMA

TRACE METALS

Date: 22/11/23
Coll. Time: 09:20
Lab Number: 84916261

Zinc 10.4 (9.0 - 18.0) µmol/L

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LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-TMA-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 23/11/23 00:42

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

THYROID FUNCTION TEST

SPECIMEN: Serum

Date	22/11/2023	22/11/2023
Collection Time	09:20	09:20
Request	23-84916261	23-84916246

			Units	Reference Range
Free thyroxine (FT4)	14.7	14.7	pmol/L	9.0 - 20.0
Thyroid Stimulating Hormone	1.15	1.15	mIU/L	0.40 - 4.00
Free Tri-iodothyronine (FT3)		5.5	pmol/L	3.5 - 6.5

Comments:

Euthyroid levels.

ENDOCRINOLOGY

PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R, GLS-R, GHB-R, OHD-R, BFO-R, FBE-R, PRG-R, IS-R, LIP-R, ECU-R, LFT-R, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-MCO-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 23/11/23 00:35

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

ENDOCRINOLOGY

CORTISOL STUDIES

SPECIMEN: SERUM/PLASMA/URINE

Coll. Date: 22/11/23

Coll. Time: 09:20

Lab Number: 84916261

Ref.

Range

Units

Serum Cortisol 372

See below nmol/L

Reference Ranges: AM 110 - 550 nmol/L

PM 70 - 400 nmol/L

84916261 Early morning cortisol greater than 360 nmol/L measured on the Centaur assay makes adrenal insufficiency unlikely. Note; estrogens increase cortisol binding globulin and thus total but not usually free cortisol. Cortisol measured on the Siemens Centaur.

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PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R, GLS-R, GHB-R, OHD-R, BFO-R, FBE-R, PRG-R, IS-R, LIP-R, ECU-R, LFT-R, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-MBI-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 22/11/23 22:05

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

GENERAL CHEMISTRY

SPECIMEN: Serum

Date 22/11/2023

Collection Time 09:20

Request 23-84916261

Electrolytes / Renal Function

		Units	Reference Range
Sodium	139	mmol/L	135 - 145
Potassium	4.3	mmol/L	3.5 - 5.2
Chloride	109	mmol/L	95 - 110
Bicarbonate	24	mmol/L	22 - 32
Anion Gap	10	mmol/L	9 - 19
Urea	4.7	mmol/L	3.0 - 7.0
Creatinine	72	µmol/L	45 - 90
eGFR	> 90	mL/min/1.73m ²	> 59

Liver Function

		Units	Reference Range
Total Protein	71	g/L	60 - 80
Albumin	42	g/L	35 - 50
Alkaline Phosphatase	63	U/L	30 - 110
Total Bilirubin	8	µmol/L	3 - 20
Gamma GT	15	U/L	5 - 35
AST	24	U/L	5 - 30
ALT	22	U/L	5 - 35
Globulin	29	g/L	23 - 39

Comments:

Electrolytes, liver and renal function within normal limits.

PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R, GLS-R, GHB-R, OHD-R, BFO-R, FBE-R, PRG-R, IS-R, LIP-R, ECU-R, LFT-R, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-GHB-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 22/11/23 22:05

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

HAEMOGLOBIN A1c

SPECIMEN: Whole blood

Date 22/11/2023

Collection Time 09:20

Request 23-84916261

		Units	Reference Range
IFCC HbA1c	34	mmol/mol	
DCCT HbA1c	5.3	%	< 6.5
Estimated Average Glucose	5.8	mmol/L	

Comments:

HbA1c consistent with euglycaemic state.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

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PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R, GLS-R, GHB-R, OHD-R, BFO-R, FBE-R, PRG-R, IS-R, LIP-R, ECU-W, LFT-W, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-HOR-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 22/11/23 21:38

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

ENDOCRINOLOGY

HORMONE STUDIES

SPECIMEN: SERUM

Date: 22/11/23

Coll. Time: 09:20

Lab Number: 84916261

Progesterone 56

nmol/L

ADULT REFERENCE RANGES:

	F.S.H.	L.H.	OESTRADIOL	PROGESTERONE#
Postmenopausal	> 25	> 25	< 120	< 1.0
Follicular phase	4 - 16	< 15	70 - 530	< 5.0
Midcycle peak	8 - 30	15 - 75	230-1300	
Luteal phase	2 - 12	< 15	200- 790	10.0 - 70.0
Day 21(midluteal)#				> 30.0

Equivocal 15.0-30.0; Luteal Phase Deficiency < 15.0

Please note that progesterone levels in patients taking DHEA may be falsely increased due to an assay interference.

ENDOCRINOLOGY

PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R,GLS-R,GHB-W,OHD-R,BFO-R,FBE-R,PRG-R,IS-R,LIP-R,ECU-W,LFT-W,COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444		
PATIENT: MISS SUZIE SHORT 82 RAILWAY STREET COTTESLOE WA 6011 PH: 0893854066 DOB: 02/09/1987 SEX: FEMALE UR#: REF: 00024459	REQUEST DETAILS: LAB REF: 23-84916261-BFM-0 REFERRED: 20/11/23 COLLECTED: 22/11/23 09:20 REPORTED: 22/11/23 20:54 TESTED: 22/11/23 BATCH: 0 0	MS KRISTIN BECKEDAHL 99 HEALY ROAD HAMILTON HILL WA 6163

VITAMIN B12 AND FOLATE

SPECIMEN: Serum/Blood

Date	22/11/2023
Collection Time	09:20
Request	23-84916261

		Units	Reference Range
Vitamin B12	236	pmol/L	
Serum Folate	26.5	nmol/L	
Active B12	119	pmol/L	> 30

Comments: Normal B12 and folate results.			
RANGES	B12	Serum Folate	
Normal	> 180	> 10.0	
Equivocal	150 - 180	5.0 - 10.0	
Deficient	< 150	< 5.0	

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PATIENT: MISS SUZIE SHORT 82 RAILWAY STREET COTTESLOE WA 6011 PH: 0893854066 DOB: 02/09/1987 SEX: FEMALE UR#: REF: 00024459	REQUEST DETAILS: LAB REF: 23-84916261-OHD-0 REFERRED: 20/11/23 COLLECTED: 22/11/23 09:20 REPORTED: 22/11/23 20:23 TESTED: 22/11/23 BATCH: 0 0	MS KRISTIN BECKEDAHL 99 HEALY ROAD HAMILTON HILL WA 6163
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VITAMIN D

SPECIMEN: Serum

Date	Time	Request	25-hydroxy Vitamin D
22/11/2023	09:20	23-84916261	95
Units			nmol/L
Reference Ranges			

Comments:

Vitamin D is within normal limits.

Interpretation:

Vitamin D deficiency <50 nmol/L

Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

PATIENT: MISS SUZIE SHORT
 REF. BY DR.JAMES LALOR, 2501319F
 PANEL CODES: CRP-R, GLS-R, GHB-W, OHD-R, BFO-w, FBE-R, PRG-W, IS-R, LIP-R, ECU-W, LFT-W, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-LS-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 22/11/23 19:59

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

LIPID STUDIES

SPECIMEN: Serum

Date 22/11/2023

Collection Time 09:20

Request 23-84916261

		Units	Desirable Range (Fasting)
Fasting status	Fasting		
Cholesterol	3.9	mmol/L	
H.D.L. Cholesterol	1.4	mmol/L	> 1.1
L.D.L. Cholesterol	2.2	mmol/L	< 3.1
Non-HDL Cholesterol	2.5	mmol/L	< 4.1
Triglyceride	0.7	mmol/L	< 2.1
LDL/HDL Ratio (Risk Factor)	1.6		
Chol/HDL Ratio (Risk Factor)	2.8		

Comments:

The Heart Foundation of Australia recommend calculation of the absolute cardiovascular risk using the NVDPA's calculator at www.cvdcheck.org.au in the presence of other CVD risk factors in this age group. LDL-c target depends on the absolute CVD risk.

Recommended targets for high risk patients are

Total cholesterol < 4.0 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) Fasting triglycerides < 2.0 mmol/L

Lipid ranges and targets are from the AACB Guideline for Harmonised Lipid Reporting (2018)

Target values need to be individualised based on clinical assessment of overall risk.

See the AusCVD Risk calculator at www.cvdcheck.org.au

PATIENT: MISS SUZIE SHORT

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PANEL CODES: CRP-R, GLS-R, GHB-W, OHD-W, BFO-W, FBE-R, PRG-W, IS-R, LIP-R, ECU-W, LFT-W, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444		
PATIENT: MISS SUZIE SHORT 82 RAILWAY STREET COTTESLOE WA 6011 PH: 0893854066 DOB: 02/09/1987 SEX: FEMALE UR#: REF: 00024459	REQUEST DETAILS: LAB REF: 23-84916261-ISM-0 REFERRED: 20/11/23 COLLECTED: 22/11/23 09:20 REPORTED: 22/11/23 19:59 TESTED: 22/11/23 BATCH: 0 0	MS KRISTIN BECKEDAHL 99 HEALY ROAD HAMILTON HILL WA 6163

IRON STUDIES

SPECIMEN: Serum

Date	22/11/2023
Collection Time	09:20
Request	23-84916261

		Units	Reference Range
Iron	14.5	μmol/L	10.0 - 30.0
Transferrin	2.28	g/L	2.10 - 3.80
Transferrin Saturation	25	%	15 - 45
Ferritin	41	μg/L	30 - 200

Comments: Iron studies are within normal limits.
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LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT: MISS SUZIE SHORT 82 RAILWAY STREET COTTESLOE WA 6011 PH: 0893854066 DOB: 02/09/1987 SEX: FEMALE UR#: REF: 00024459	REQUEST DETAILS: LAB REF: 23-84916261-GLS-0 REFERRED: 20/11/23 COLLECTED: 22/11/23 09:20 REPORTED: 22/11/23 19:59 TESTED: 22/11/23 BATCH: 0 0	MS KRISTIN BECKEDAHL 99 HEALY ROAD HAMILTON HILL WA 6163
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GLUCOSE

SPECIMEN: Serum

Date	Glucose Time	Request	Collection Type	Specimen	Glucose
22/11/2023	09:20	23-84916261	Fasting	serum	4.7
Units					mmol/L

Comments:

Normal fasting glucose.
 NOTE: HbA1c has been requested.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L
 Fasting 3.0 - 5.4 mmol/L
 1 Hour post prandial 3.0 - 11.0 mmol/L
 2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

PATIENT: MISS SUZIE SHORT
 REF. BY DR.JAMES LALOR, 2501319F
 PANEL CODES: CRP-R,GLS-R,GHB-W,OHD-W,BFO-W,FBE-R,PRG-W,IS-R,LIP-R,ECU-W,LFT-W,COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT
82 RAILWAY STREET
COTTESLOE WA 6011
PH: 0893854066
DOB: 02/09/1987
UR#:

SEX: FEMALE
REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-CRP-0
REFERRED: 20/11/23
COLLECTED: 22/11/23 09:20
REPORTED: 22/11/23 19:59
TESTED: 22/11/23
BATCH: 0 0

MS KRISTIN BECKEDAHL
99 HEALY ROAD
HAMILTON HILL WA 6163

PROTEIN STUDIES - C REACTIVE PROTEIN

SPECIMEN: Serum

Date	Time	Request	C-Reactive Protein
22/11/2023	09:20	23-84916261	< 0.7
Units			mg/L
Reference Ranges			< 3.0

Comments:

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-R, GLS-W, GHB-W, OHD-W, BFO-W, FBE-R, PRG-W, IS-W, LIP-W, ECU-W, LFT-W, COR-+++

LABORATORY 20102-2906 23 WALTERS DRIVE OSBORNE PARK WA 6017 PH: 08 9442 7444

PATIENT:

MISS SUZIE SHORT

82 RAILWAY STREET

COTTESLOE WA 6011

PH: 0893854066

DOB: 02/09/1987

SEX: FEMALE

UR#:

REF: 00024459

REQUEST DETAILS:

LAB REF: 23-84916261-HAE-0

REFERRED: 20/11/23

COLLECTED: 22/11/23 09:20

REPORTED: 22/11/23 19:24

TESTED: 22/11/23

BATCH: 0 0

MS KRISTIN BECKEDAHL

99 HEALY ROAD

HAMILTON HILL WA 6163

GENERAL HAEMATOLOGY

SPECIMEN: Whole blood

Date 22/11/2023

Collection Time 09:20

Request 23-84916261

			Units	Reference Range
Haemoglobin	142		g/L	115 - 165
RBC	4.68		x10 ¹² /L	3.80 - 5.50
HCT	0.45			0.35 - 0.47
MCV	96		fL	80 - 99
MCH	30.3		pg	27.0 - 34.0
MCHC	317		g/L	310 - 360
RDW	12.5		%	11.0 - 15.0
White Cell Count	5.9		x10 ⁹ /L	4.0 - 11.0
Neutrophils	3.4		x10 ⁹ /L	2.0 - 8.0
Lymphocytes	1.9		x10 ⁹ /L	1.0 - 4.0
Monocytes	0.5		x10 ⁹ /L	< 1.1
Eosinophils	< 0.1		x10 ⁹ /L	< 0.7
Basophils	< 0.1		x10 ⁹ /L	< 0.3
Platelets	272		x10 ⁹ /L	150 - 450
MPV	10.2		fL	7.1 - 11.2

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Comments:

#84916261 : The red cell, white cell and platelet parameters are within normal limits.

PATIENT: MISS SUZIE SHORT

REF. BY DR.JAMES LALOR, 2501319F

PANEL CODES: CRP-W, GLS-W, GHB-W, OHD-W, BFO-W, FBE-R, PRG-W, IS-W, LIP-W, ECU-W, LFT-W, COR-+++