

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:		REQUEST DETAILS: LAB REF: 23-82157045-MBI-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 13/09/23 09:33 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY:

GENERAL CHEMISTRY

SPECIMEN: Serum

Date 12/09/2023
Collection Time 08:28
Request 23-82157045

Electrolytes / Renal Function		Units	Reference Range
Sodium	137	mmol/L	135 - 145
Potassium	4.6	mmol/L	3.5 - 5.2
Chloride	105	mmol/L	95 - 110
Bicarbonate	27	mmol/L	22 - 32
Urea	3.9	mmol/L	3.0 - 7.0
Creatinine	63	µmol/L	45 - 90
eGFR	> 90	mL/min/1.73m ²	> 59
Calcium	2.40	mmol/L	2.10 - 2.60
Adjusted Calcium	2.43	mmol/L	2.10 - 2.60
Phosphate	1.31	mmol/L	0.75 - 1.50
Magnesium	0.82	mmol/L	0.70 - 1.10
Uric Acid	0.28	mmol/L	0.15 - 0.45

Liver Function		Units	Reference Range
Total Protein	73	g/L	60 - 82
Albumin	38	g/L	35 - 50
Alkaline Phosphatase	52	U/L	30 - 120
Total Bilirubin	11	µmol/L	< 25
Gamma GT	15	U/L	< 51
AST	54*	U/L	< 41
ALT	94*	U/L	< 41
Globulin	35	g/L	23 - 39

Comments:

PATIENT: MS KENDRA ROE ALL TESTS COMPLETE

PANEL CODES: SUA-R, GLU-R, OHD-R, SCR-R, TSH-R, THA-R, B12-R, CK-R, FBE-R, IS-R, LIP-R, CA-R, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-SCR-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 13/09/23 09:04 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY:

BIOCHEMISTRY

C REACTIVE PROTEIN (hsCRP)

SPECIMEN: SERUM

hsCRP 5.4 mg/L see below

For assessment of cardiovascular risk in the WELL individual see the following table (Reference: American Heart Association)

CRP (mg/L)	Relative Risk.
< 1.0	Low risk
1.0 - 3.0	Average risk
> 3.0	High risk

PATIENT: MS KENDRA ROE

PANEL CODES: SUA-V, GLU-R, OHD-R, SCR-R, TSH-R, THA-R, B12-R, CK-R, FBE-R, IS-R, LIP-R, CA-V, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-TSH-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 21:19 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

THYROID FUNCTION TEST

SPECIMEN: Serum

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

		Units	Reference Range
Thyroid Stimulating Hormone	4.45*	mIU/L	0.40 - 4.00

Comments:
Previous raised TSH is noted.

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LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT:

MS KENDRA ROE

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 22/07/1991

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 23-82157045-THA-0

REFERRED: 11/09/23

COLLECTED: 12/09/23 08:28

REPORTED: 12/09/23 18:50

TESTED: 12/09/23

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

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PYRMONT NSW 2009

CLINICAL HISTORY:

IMMUNOLOGY

SPECIMEN: SERUM

THYROID AUTOANTIBODIES

Anti-ThyroGlobulin assay aTGII **9.3** U/ml < 4.5

Thyroid Peroxidase (TPO) antibodies > **1300** U/ml (< 60)

Key:

aTGII - anti-thyroglobulin antibodies

aTPO - anti-thyroid peroxidase antibodies

Anti-ThyroGlobulin assay (aTGII) is standardised to the WHO International Reference Preparation, Human (NIBSC 65/093) and is performed on the Siemens Centaur/Atellica Immunoassay systems.

Elevated thyroid antibody levels. This may be associated with auto-immune thyroid disease.

PATIENT: MS KENDRA ROE

PANEL CODES: SUA-V, GLU-R, OHD-R, SCR-V, TSH-W, THA-R, B12-R, CK-R, FBE-R, IS-R, LIP-R, CA-V, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-LS-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 18:50 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

LIPID STUDIES SPECIMEN: Serum

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

		Units	Desirable Range (Fasting)
Fasting status	Not Stated		
Cholesterol	7.2*	mmol/L	
H.D.L. Cholesterol	2.2	mmol/L	> 1.0
L.D.L. Cholesterol	4.5*	mmol/L	< 2.5
Non-HDL Cholesterol	5.0*	mmol/L	< 3.9
Triglyceride	1.0	mmol/L	< 2.0
LDL/HDL Ratio (Risk Factor)	2.0		
Chol/HDL Ratio (Risk Factor)	3.3		

Comments:

Desirable ranges for high CV risk patients are:
LDL Cholesterol < 2.0 mmol/L
Non-HDL Cholesterol <2.5 mmol/L

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LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-ISM-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 18:50 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

IRON STUDIES SPECIMEN: Serum

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

		Units	Reference Range
Iron	15.3	µmol/L	10.0 - 30.0
Transferrin	2.35	g/L	2.10 - 3.80
Transferrin Saturation	26	%	15 - 45
Ferritin	57	µg/L	30 - 200

Comments:

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LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-TMA-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 18:50 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

THYROID FUNCTION TEST

SPECIMEN: Serum

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

		Units	Reference Range
Free thyroxine (FT4)	14.4	pmol/L	9.0 - 25.0
Free Tri-iodothyronine (FT3)	5.1	pmol/L	3.5 - 6.5

Comments:
Previous raised TSH is noted.

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LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-CE-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 18:50 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
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CLINICAL HISTORY:

BIOCHEMISTRY

CARDIAC/MUSCLE MARKERS

SPECIMEN: SERUM/PLASMA/WHOLE BLOOD

CK 42 U/L (< 161)

Normal CK level.

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PATIENT: MS KENDRA ROE

PANEL CODES: SUA-V, GLU-R, OHD-R, SCR-V, TSH-W, THA-R, B12-R, CK-R, FBE-R, IS-R, LIP-R, CA-V, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT:

MS KENDRA ROE

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 22/07/1991

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 23-82157045-OHD-0

REFERRED: 11/09/23

COLLECTED: 12/09/23 08:28

REPORTED: 12/09/23 18:50

TESTED: 12/09/23

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

VITAMIN D

SPECIMEN: Serum

Date 12/09/2023

Collection Time 08:28

Request 23-82157045

Units

25-hydroxy Vitamin D

73

nmol/L

Comments:

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: MS KENDRA ROE

PANEL CODES: SUA-V, GLU-R, OHD-R, SCR-V, TSH-W, THA-W, B12-R, CK-R, FBE-R, IS-W, LIP-W, CA-V, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-BFM-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 18:50 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

VITAMIN B12 AND FOLATE **SPECIMEN: Serum/Blood**

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

			Units
Vitamin B12	327		pmol/L

Comments: Normal B12 result.			
RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350

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PATIENT: MS KENDRA ROE

PANEL CODES: SUA-V, GLU-R, OHD-W, SCR-V, TSH-W, THA-W, B12-R, CK-W, FBE-R, IS-W, LIP-W, CA-V, +++

LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777		
PATIENT: MS KENDRA ROE C/O IMEDICAL 1 UNION ST PYRMONT NSW 2009 PH: DOB: 22/07/1991 SEX: FEMALE UR#: REF:	REQUEST DETAILS: LAB REF: 23-82157045-GLU-0 REFERRED: 11/09/23 COLLECTED: 12/09/23 08:28 REPORTED: 12/09/23 17:41 TESTED: 12/09/23 BATCH: 0 0	IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009

CLINICAL HISTORY:

GLUCOSE **SPECIMEN: Fluoride oxalate**

Date	12/09/2023
Collection Time	08:28
Request	23-82157045

		Units	Reference Range
Glucose Time	08:28		
Collection type	Not stated		
Glucose	4.6	mmol/L	3.0 - 6.9

Comments:
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:
FI-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

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LABORATORY 3427-3420 1868 DANDENONG RD CLAYTON VIC 3168 PH: 03 9538 6777

PATIENT:

MS KENDRA ROE

C/O IMEDICAL 1 UNION ST

PYRMONT NSW 2009

PH:

DOB: 22/07/1991

SEX: FEMALE

UR#:

REF:

REQUEST DETAILS:

LAB REF: 23-82157045-HAE-0

REFERRED: 11/09/23

COLLECTED: 12/09/23 08:28

REPORTED: 12/09/23 15:41

TESTED: 12/09/23

BATCH: 0 0

IMEDICAL LIFE

IMEDICAL LIFE

1 UNION ST

PYRMONT NSW 2009

CLINICAL HISTORY:

GENERAL HAEMATOLOGY

SPECIMEN: Whole blood

Date	12/09/2023	13/04/2023	04/01/2023
Collection Time	08:28	09:41	08:04
Request	23-82157045	23-74467680	23-74340019

				Units	Reference Range
Haemoglobin	134	135	138	g/L	115 - 165
RBC	4.35	4.43	4.44	x10 ¹² /L	3.80 - 5.50
HCT	0.41	0.41	0.42		0.35 - 0.47
MCV	95	92	94	fL	80 - 99
MCH	30.8	30.5	31.1	pg	27.0 - 34.0
MCHC	324	331	331	g/L	310 - 360
RDW	11.9	12.2	11.9	%	11.0 - 15.0
White Cell Count	4.6	6.8	6.3	x10 ⁹ /L	4.0 - 11.0
Neutrophils	2.1	4.4	3.6	x10 ⁹ /L	2.0 - 8.0
Lymphocytes	1.7	1.7	1.9	x10 ⁹ /L	1.0 - 4.0
Monocytes	0.5	0.5	0.6	x10 ⁹ /L	< 1.1
Eosinophils	0.3	0.1	0.2	x10 ⁹ /L	< 0.7
Basophils	< 0.1	< 0.1	< 0.1	x10 ⁹ /L	< 0.3
Platelets	264	231	225	x10 ⁹ /L	150 - 450
MPV		11.0	11.1		

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Comments:

#82157045 : The red cell, white cell and platelet parameters are within normal limits.

PATIENT: MS KENDRA ROE

PANEL CODES: GLU-W,OHD-W,SCR-W,TSH-W,THA-W,B12-W,CK-W,FBE-R,SAU-W,IS-W,LIP-W,CA-W,+++