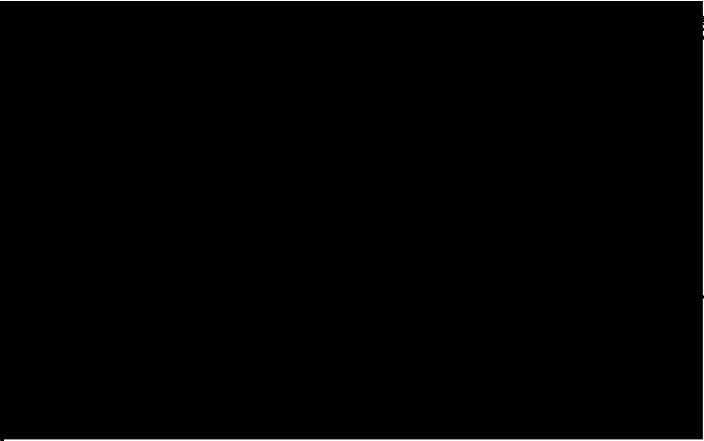


Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



45 6031Dr. Ken Sikaris

Lab Number: 26-33565387

Receipt Date: 29/06/26

Collected: 29/06/26 @ 07:58

Reported: 29/06/26 @ 22:33

Age: 31 Years

<report>

Total Testosterone :	11.0 nmol/L	Ref. Range (10.0-35.0)
Sex Hormone Binding Globulin :	27 nmol/L	(13-71)
Calculated Free Testosterone :	244 pmol/L	(225-725)

No calculated free testosterone will be reported if testosterone or SHBG is outside our measuring range.

Testosterone, SHBG and DHEA Method: Siemens Immunoassay.

FULL BLOOD EXAMINATION

HB :	146 g/L	(130-180)	WHITE CELL COUNT:	5.3 (x10 ⁹ /L)	(4.0-11.0)
PCV:	0.47 L/L	(0.40-0.54)	Neutrophils:	48%	2.5 (2.0-8.0)
RCC:	4.98 x10 ¹² /L	(4.50-6.50)	Lymphocytes:	38%	2.0 (1.0-4.0)
MCV:	94 fL	(80-96)	Monocytes :	9%	0.5 (0.0-1.0)
MCH:	29 pg	(27-32)	Eosinophils:	4%	0.2 (0.0-0.5)
MCHC	313 g/L	(320-360)	Basophils :	1%	0.1 (0.0-0.2)
RDW:	12.4 %	(11.0-16.0)			
			PLATELETS :	259	(150-450)

COMMENT: No significant abnormality.

SERUM IRON-STUDIES

Date:29/06/26
Time:07:58
Lab.No:33565387

		Units	Ref. Range
Ferritin:	79	ug/L	(30-320)
Iron:	19	umol/L	(10-30)
Transferrin:	2.3	g/L	(2.0-3.6)
Transferrin Sat:	33	%	(13-47)

Medical professionals: Please contact a pathologist on 03 9244 0444 if required.

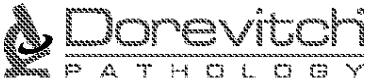
NORMAL FILE

NOTES REQUIRED

RECALL PATIENT

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Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



RCPA
Accreditation Number 2304
Accredited for compliance with NPAAC standards and ISO 15189

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Age: 31 Years

Method: Siemens Immunoassay

SERUM HORMONES		FSH	LH	E2	PROG
		IU/L	IU/L	pmol/L	nmol/L
Lab.No	Date				
33565387	29/06/26	3	3		
REFERENCE INTERVALS					
Adult Male		1-10	1-10	<146	1.2-4.8

Method: Siemens Immunoassay

		SERUM GLUCOSE		
Fasting Status	Specimen	Result	Ref.Range	
Fasting	7:58 AM	4.6 mmol/L	(4.0-6.0)	
Note (1): Glucose reference ranges: Fasting 4.0-6.0, Random 4.0-7.8. Consider further investigation including glucose tolerance test in people with fasting glucose 5.5-6.9 or random 7.8-11.0 mmol/L				

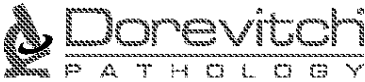
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<panel>VID</panel><reported_time>22:49</reported_time>

SERUM/PLASMA LIPID STUDIES - Fasting

Total Chol:	5.1 mmol/L
Triglyceride:	1.0 mmol/L
HDL - C:	1.2 mmol/L
LDL - C:	3.4 mmol/L
NON HDL - C:	3.9 mmol/L
Chol/HDL Ratio:	4.2

Therapeutic targets vary depending on the patient's cardiovascular risk profile.

	T.Chol	Trig	HDL-C	LDL-C	Non HDL-C
Primary Prevention:	<4.0	<2.0	>=1.0	<2.0	<2.5
Secondary Prevention:		<2.0	>=1.0	<1.8	<2.5

National Vascular Disease Prevention Alliance Guidelines 2012.
<http://strokefoundation.com.au>

National Heart Foundation Guidelines 2012.
<http://www.heartfoundation.org.au>

Note: The Chol/HDL ratio reflects changes in VLDL, LDL and HDL, with high values indicating an increased risk of atherosclerosis.
Target values < 3.5 are sometimes recommended for people with known vascular disease or others at high risk.

In this patient the cholesterol level and ratio suggest low CHD risk.

- Target LDL is less than 2.0 mmol/L in people with
- A personal or strong family history of vascular disease
 - Diabetes
 - Aboriginal or Torres Strait Islander ancestry

SERUM/PLASMA BIOCHEMISTRY

		Ref.Range	
Sodium :	141 mmol/L	(135-145)	
Potassium :	5.3 mmol/L	(3.5-5.2)	*
Chloride :	104 mmol/L	(95-110)	
Bicarbonate :	28 mmol/L	(22-32)	
Anion gap:	14 mmol/L	(7-17)	
Urea :	7.5 mmol/L	(2.3-7.6)	
Est.GFR(mL/min) :	> 90 per 1.73sqm	(> 60)	

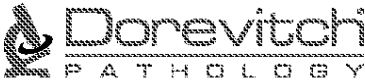
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Creatinine :	75 umol/L	(60-110)
Total Bilirubin :	8 umol/L	(0-20)
Ala. Aminotransferase (ALT) :	25 U/L	(< 55)
Asp. Aminotransferase (AST) :	26 U/L	(< 40)
Alkaline Phosphatase (ALP) :	71 U/L	(30-110)
Gamma Glutamyl Trans. (GGT) :	15 U/L	(< 40)
Total Protein :	77 g/L	(60-80)
Albumin :	46 g/L	(36-49)
Globulin :	31 g/L	(22-40)
Calcium :	2.56 mmol/L	(2.15-2.65)
Cor. Calcium :	2.44 mmol/L	(2.15-2.65)
Phosphate :	1.18 mmol/L	(0.75-1.50)
Magnesium :	0.96 mmol/L	(0.60-1.10)

PROLACTIN

Serum Prolactin : 117 mIU/L (45-375)

Method: Siemens Immunoassay

THYROID FUNCTION TESTS (SERUM)

Thyroid Stimulating Hormone (TSH) : 1.46 mIU/L (0.50-4.00)

Normal TSH indicates normal thyroid function.
Note that TSH should NOT be used to adjust thyroxine treatment in people with pituitary disease.
Medical professionals: Please contact a pathologist if required on (03) 9244 0444.

Method: Siemens Immunoassay

SERUM 25 - HYDROXY VITAMIN D

Date	Lab. No.	25 - Hydroxy Vitamin D (nmol/L)	Ref. Range (> 50)
29/06/26	33565387	86	

Method: DiaSorin Liaison XL immunoassay. Note that this test cannot be

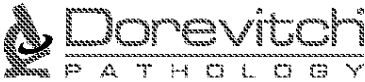
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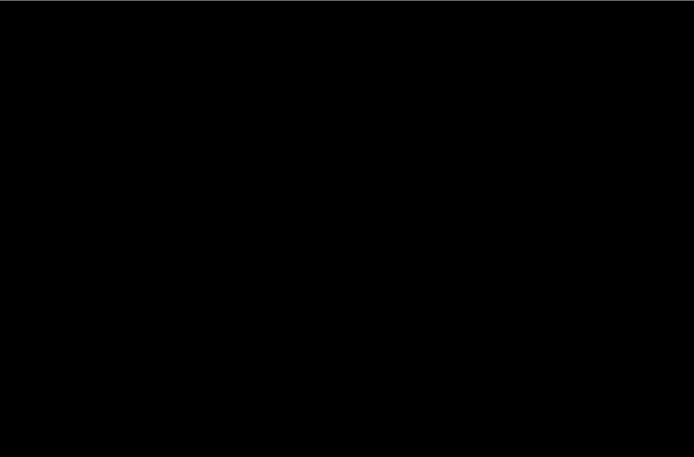


Specialist Diagnostic Services, ABN 84 007 190 043 APA 000042, trading as Dorevitch Pathology.

Pathology Report



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and ISO 15189

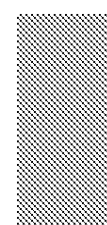


345 6031Dr. Ken Sikaris

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used to monitor patients taking exclusively 1,25 dihydroxy Vitamin D (Calcitriol).

</report>



NORMAL
FILE

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