

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-H-H900
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: .BLOOD COUNT
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
12:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Haematology

Haemoglobin	164	(135 - 175)	g/L
Haematocrit	0.49	(0.40 - 0.54)	
Red cell count	5.5	(4.5 - 6.5)	10*12/L
MCV	89	(80 - 100)	fL
White cell count	5.0	(3.5 - 10.0)	10*9/L
Neutrophils	2.75	(1.5 - 6.5)	10*9/L
Lymphocytes	1.61	(1.0 - 4.0)	10*9/L
Monocytes	0.39	(0 - 0.9)	10*9/L
Eosinophils	0.19	(0 - 0.6)	10*9/L
Basophils	0.06	(0 - 0.15)	10*9/L
Platelets	227	(150 - 400)	10*9/L

Comments on Lab Id: 516537520

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: FBE
Tests Pending : HDL-Cholesterol,CRP,Zinc,Selenium,E/LFT,MTHFR Gene,
TFT ,Vitamin B12,Folate (Serum),Insulin,TRAB,TSI,
Thyroid Abs,ESR
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-C-C847
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S- LIPID PROFILE
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
14:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Lipid Profile

Cholesterol	6.1 H	(	<5.6	)	mmol/L
Triglyceride	0.7	(	<2.1	)	mmol/L
HDL	1.73	(	>0.89	)	mmol/L
LDL	4.1 H	(	<4.1	)	mmol/L
Tot Chol/HDL	3.5	(	<4.6)	
Non HDLC	4.37 H	(	<3.81	)	mmol/L

Comments on Lab Id: 516537520

LDL is now calculated by the Sampson equation which allows an accurate
result at higher triglyceride levels.

The National Vascular Disease Prevention Alliance (NVDPA) guidelines
recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target
levels for high risk people (known coronary heart and other arterial
disease, diabetes, chronic renal failure, Aboriginal and Torres Strait
Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0	mmol/L
HDL-Cholesterol	>=1.00	mmol/L
Fasting Triglycerides	<2.0	mmol/L
Non-HDL Cholesterol	<2.5	mmol/L

Increased non-HDL Cholesterol is the most significant marker for
subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

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Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE

Tests Pending : Zinc,Selenium,MTHFR Gene,TFT ,Vitamin B12,
Folate (Serum),Insulin,TRAB,TSI,Thyroid Abs,ESR

Sample Pending : Histamine

HARVEY, TRAVIS

4 CHESTER COURT, PETRIE. 4502

Phone: 0438408070

Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064

Your Reference: 5F7974DA24 Lab Reference: 516537520-C-C290

Laboratory: SNP

Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S-C REACTIVE PROTEIN

Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
14:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

C Reactive Protein

CRP	0.7	(<5)	mg/L
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Comments on Lab Id: 516537520

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE
Tests Pending : Zinc,Selenium,MTHFR Gene,TFT ,Vitamin B12,
Folate (Serum),Insulin,TRAB,TSI,Thyroid Abs,ESR
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-C-C140
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S-ROUTINE CHEMISTRY
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
14:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Sodium	140	(135 - 145)	mmol/L
Potassium	4.4	(3.5 - 5.5)	mmol/L
Chloride	103	(95 - 110)	mmol/L
Bicarbonate	28	(20 - 32)	mmol/L
Anion Gap	9	(<16)	mmol/L
Calcium (Corrected)	2.35	(2.10 - 2.60)	mmol/L
Phosphate	1.34	(0.80 - 1.50)	mmol/L
Urea	4.0	(3.0 - 8.0)	mmol/L
Uric Acid	0.321	(0.200 - 0.500)	mmol/L
Creatinine	70	(60 - 110)	umol/L
eGFR	>90	(>59)	
Fasting Glucose	4.8	(3.6 - 6.0)	mmol/L
Total Protein	71	(66 - 83)	g/L
Albumin	44	(35 - 48)	g/L
Globulin	27	(23 - 43)	g/L
Bilirubin	21 H	(<21)	umol/L
Alk Phos	48	(35 - 110)	U/L
AST	16	(10 - 40)	U/L
ALT	21	(5 - 40)	U/L
Gamma GT	21	(5 - 50)	U/L
LDH	178	(<250)	U/L
Cholesterol	6.1 H	(<5.6)	mmol/L
Triglyceride	0.7	(<2.1)	mmol/L
Haemolysis Index	6	(<40)	

Comments on Lab Id: 516537520

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE
Tests Pending : Zinc,Selenium,MTHFR Gene,TFT ,Vitamin B12,
Folate (Serum),Insulin,TRAB,TSI,Thyroid Abs,ESR
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-H-H050
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: ESR
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
16:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Haematology

ESR 1 (1 - 12) mm/h

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,FBE,ESR
Tests Pending : Zinc,Selenium,MTHFR Gene,TFT ,Vitamin B12,
Folate (Serum),Insulin,TRAB,TSI,Thyroid Abs
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 1527D0BB41 Lab Reference: 673157908-M-I501
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG
Copy to:

COPY TO BE VERIFIED

Name of Test: SEMINAL FERTILITY
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
16:19

Clinical notes: fertility work-up

Clinical Notes : fertility work-up

Seminal Fluid Analysis (Fertility)

Age of Specimen at Testing	0.03	(	<1.01	)	h.min
Method of collection:	Masturbation				
Time Since Last Ejaculation	4	(	2 - 7	)	Days
Volume	2.8	(	>1.4	)	mL
Viscosity	Normal				
Sperm Concentration	29	(	>14	)	x10*6/mL
Non-Motile	51				%
Motile	49	(	>39)	%
Non-Progressive	14				%
Progressive	35	(	>31)	%
Normal Morphology	6	(	>3)	%
Leucocytes	<1	(	<1	)	x10*6/mL
Comments:	673157908				

Please Note: Motility assessment performed at room temperature.
Please note: Testing performed using MES SQA-V semen analyser.
82 x10*6 total sperm per ejaculate (NR >38x10*6 per ejaculate)
Normal seminal fluid analysis.

RM

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Seminal fertility
Tests Pending :
Sample Pending :

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-E-E030
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S- THYROID FUNCTION
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
17:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Thyroid Function Tests

Free T4	15.0	(	9.0 - 19.0	)	pmol/L
Free T3	4.7	(	2.6 - 6.0	)	pmol/L
TSH	2.3	(	0.3 - 3.5	)	mIU/L

Comments on Collection 516537520

Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,TFT ,Vitamin B12,
Folate (Serum),Insulin,Thyroid Abs,FBE,ESR
Tests Pending : Zinc,Selenium,MTHFR Gene,TRAB,TSI
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-E-H245
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: .ANAEMIA
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
17:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Haematinics

CRP	0.7	(	<5	)	mg/L
Vitamin B12	426	(	>150	)	pmol/L
Folate (Serum)	19	(	>7.0	)	nmol/L

Comments on Lab Id: 516537520

All patients with low or equivocal vitamin B12 results (400 pmol/L or less)
will be routinely tested for holo-transcobalamin (active B12) to clarify
the B12 status.
Both tests are now Medicare rebateable. Vitamin B12 concentrations over 400
pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,TFT ,Vitamin B12,
Folate (Serum),Insulin,Thyroid Abs,FBE,ESR
Tests Pending : Zinc,Selenium,MTHFR Gene,TRAB,TSI
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-E-E320
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S-INSULIN
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 01/03/2024
17:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Insulin

S-Insulin 4 (3 - 15) mU/L
Comments on Collection 516537520

Please note: The insulin reference interval only refers to a fasting
collection

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,TFT ,Vitamin B12,
Folate (Serum),Insulin,Thyroid Abs,FBE,ESR
Tests Pending : Zinc,Selenium,MTHFR Gene,TRAB,TSI
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-E-E725
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: S- THYROID ANTIBODIES
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 02/03/2024
13:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Thyroid Antibodies

Thyroid Peroxidase Ab <1.0 (<5.6) IU/mL
Thyroglobulin Ab 2.7 (<4.1) IU/mL
TSH Receptor Antibodies <0.9 (<1.8) IU/L
Thyroid Stimulating Immunoglobulins <0.10 (<0.55) IU/L
Comments on Collection 516537520

A small percentage of patients with TSH receptor antibody (TRAb) negative
Graves Disease may have identifiable Thyroid Receptor Stimulating
Immunoglobulin (TSI).
TSI (Medicare rebatable) has been added for further information .

TSI (Thyroid Stimulating Immunoglobulin) represent thyroid receptor
antibodies that do not have receptor blocking activity.

Thyroid Antibodies: Levels up to 100 IU/mL can occur in normal
subjects (5% of males, 15% of females - mainly elderly) and may also
occur in non-thyroid autoimmune and chromosomal disorders.

Raised levels may occur in prodromal hypothyroidism before TSH
elevations occur and may also be seen in thyrotoxicosis, thyroiditis,
non-toxic goitre and thyroid cancer. The levels seen in Graves'
Disease and Hashimoto's can vary from normal up to >1000, but are
usually elevated.

From the 30th of August 2022 reference intervals and results have been modified to one decimal place for Thyroid Thyroglobulin and Peroxidase antibodies.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,E/LFT,TFT ,Vitamin B12,
Folate (Serum),Insulin,TRAB,TSI,Thyroid Abs,FBE,ESR
Tests Pending : Zinc,Selenium,MTHFR Gene
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-C-B096
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: SELENIUM VIRTUAL
Requested: 21/02/2024 Collected: 01/03/2024 Reported: 02/03/2024
17:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Selenium

Selenium-plasma 1.9 (0.7 - 2.0) umol/L
Comments on Lab Id: 516537520

As of 22/05/23 the SNP Reference Intervals for plasma selenium have been updated

HX

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,Zinc,Selenium,E/LFT,TFT ,
Vitamin B12,Folate (Serum),Insulin,TRAB,TSI,
Thyroid Abs,FBE,ESR
Tests Pending : MTHFR Gene
Sample Pending : Histamine

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-E-E755
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: HISTAMINE WB
Requested: 21/02/2024 **Collected:** 01/03/2024 **Reported:** 06/03/2024
09:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Histamine (Whole Blood)

B-Histamine 1.2 (0.2 - 2.0) umol/L

* Please note Histamine collection date: 01/03/2024 06:41

VK

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No
1964

Tests Completed: HDL-Cholesterol,CRP,Zinc,Selenium,E/LFT,TFT ,
Vitamin B12,Folate (Serum),Insulin,TRAB,TSI,
Thyroid Abs,Histamine,FBE,ESR

Tests Pending : MTHFR Gene

Sample Pending :

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 **Sex:** M **Medicare Number:** 4333793064
Your Reference: 5F7974DA24 **Lab Reference:** 516537520-D-D060
Laboratory: SNP
Addressee: DR MARGARET K CHUNG **Referred by:** DR MARGARET K CHUNG

Name of Test: MTHFR
Requested: 21/02/2024 **Collected:** 01/03/2024 **Reported:** 07/03/2024
16:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

MTHFR Genotyping

Specimen	EDTA Blood
MTHFR C677T	Mutation Not Detected
MTHFR A1298C	Mutation Not Detected

Please note these variants are known as c.665C>T, p.Ala222Val and
c.1286A>C, p.Glu429Ala, according to HGVS nomenclature;
RefSeqGene: NM_005957.4.
Comments on Collection 516537520

The tested variants in the MTHFR gene were not detected.

Test Information:

Testing was carried out by real-time PCR and melt curve analysis for two
variants of the MTHFR gene, c.665C>T (p.Ala222Val, also known as C677T)
and c.1286A>C (p.Glu429Ala, also known as A1298C).

NPAAC guidelines suggest that corroboration of genetic test results should be considered - e.g. by reference to other clinical or laboratory information or by repeat testing - as genetic tests may have medical implications for both the patient and their genetic relatives. For clinician enquiries regarding these results, please contact Dr James Harraway (07 3377 8666).

RS

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,Zinc,Selenium,E/LFT,MTHFR Gene,
TFT ,Vitamin B12,Folate (Serum),Insulin,TRAB,TSI,
Thyroid Abs,Histamine,FBE,ESR

Tests Pending :

Sample Pending :

HARVEY, TRAVIS
4 CHESTER COURT, PETRIE. 4502
Phone: 0438408070
Birthdate: 19/04/1990 Sex: M Medicare Number: 4333793064
Your Reference: 5F7974DA24 Lab Reference: 516537520-C-B099
Laboratory: SNP
Addressee: DR MARGARET K CHUNG Referred by: DR MARGARET K CHUNG

Name of Test: ZINC VIRTUAL

Requested: 21/02/2024 Collected: 01/03/2024 Reported: 02/03/2024
17:19

Clinical notes: Naturopath bloods - pt understands private billing. Fasting.

Clinical Notes : Naturopath bloods - pt understands private
billing. Fasting.

Zinc

Zinc-plasma 17.9 (9.0 - 19.0) umol/L
Comments on Lab Id: 516537520

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,CRP,Zinc,Selenium,E/LFT,TFT ,
Vitamin B12,Folate (Serum),Insulin,TRAB,TSI,
Thyroid Abs,FBE,ESR

Tests Pending : MTHFR Gene

Sample Pending : Histamine