

Patient Investigations

Name: Miss Isla Marie JENKINS
Address: 7 Spyglass Rd
Cannon Valley 4802
D.O.B.: 21/07/2014
Record No.:
Home Phone: 0402 512 697
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Affinity Family Medical
Suite 20/230 Shute Harbour Rd
Cannonvale 4802
0748045680

Printed on 16th July 2024

Investigations:

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 Sex: F Medicare Number: 4372583915
Your Reference: 134188236D Lab Reference: 526462625-C-C290
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: S-C REACTIVE PROTEIN
Requested: 19/06/2024 Collected: 05/07/2024 Reported: 05/07/2024 14:22

Clinical notes: Not Provided

Clinical Notes : Not Provided

		Latest Results		
Date	16-Mar-23	05-Jul-24		
Time F-Fast	0826 F	0739 F		
Lab Id.	671508606	526462625	Reference	Units
CRP	<0.4	0.9	(<5)	mg/L

Comments on Collection 05-Jul-24 0739 F:

C Reactive Protein

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

Tests Completed: CRP,E/LFT,FBE,ESR

Tests Pending : Iron Studies,TSH,Vitamin B12,Vitamin D,Cortisol AM,Thyroid Abs

Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 Sex: F Medicare Number: 4372583915
Your Reference: 134188236D Lab Reference: 526462625-C-C140
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: S-ROUTINE CHEMISTRY
Requested: 19/06/2024 Collected: 05/07/2024 Reported: 05/07/2024 14:22

Clinical notes: Not Provided

Clinical Notes : Not Provided

Chemistry (serum)

Date	16-Mar-23	08-May-24	Latest Results		
Time F-Fast	0826 F	1517	05-Jul-24 0739 F		
Lab Id.	671508606	526102060	526462625	Reference	Units
Sodium	140	140	140	(132-145)	mmol/L
Potassium	4.4	4.0	4.5	(3.5-5.5)	mmol/L
Chloride	108	106	106	(95-110)	mmol/L
Bicarbonate	23	27	27	(21-31)	mmol/L
Anion Gap	9	7	7	(<16)	mmol/L
Calcium (Corr.)	2.37	2.32	2.41	(2.20-2.65)	mmol/L
Phosphate	1.62	1.52	1.52	(1.00-1.90)	mmol/L
Urea	4.4	4.1	5.0	(2.5-6.5)	mmol/L
Urate	0.302	0.327	0.376 H	(0.120-0.330)	mmol/L
Creatinine	44	44	46	(30-60)	umol/L
Fast. Glucose	4.4		4.9	(3.6-6.0)	mmol/L
Random Glucose		6.4		(3.6-7.7)	mmol/L
Total Protein	71	68	67	(65-80)	g/L
Albumin	43	45	43	(34-47)	g/L
Globulin	28	23	24	(23-40)	g/L
T Bilirubin	8	<5	10	(<13)	umol/L
ALP	359 H	364 H	374 H	(120-350)	U/L
AST	20	21	22	(15-40)	U/L
ALT	10	23	17	(5-30)	U/L
GGT	12	14	16	(5-20)	U/L
LDH	246	241	239	(<300)	U/L
Cholesterol	3.7	4.1	3.8	(<4.6)	mmol/L
Haemolysis Index	6	4	2	(<40)	mg/dL

Comments on Collection 05-Jul-24 0739 F:

E/LFT

Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

Tests Completed: CRP,E/LFT,FBE,ESR

Tests Pending : Iron Studies,TSH,Vitamin B12,Vitamin D,Cortisol AM,Thyroid Abs

Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 Sex: F Medicare Number: 4372583915
Your Reference: 134188236D Lab Reference: 526462625-H-H900
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL Referred by: DR CHRISTOPHER R GILL

Name of Test: .BLOOD COUNT

Requested: 19/06/2024 Collected: 05/07/2024 Reported: 05/07/2024 14:22

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematology

			Latest Results		
Date	16-Mar-23	08-May-24	05-Jul-24		
Time F-Fast	0826 F	1517	0739 F		
Lab Id.	671508606	526102060	526462625	Reference	Units
Haemoglobin	125	126	132	(110-150)	g/L
Haematocrit	0.36	0.37	0.39	(0.36-0.46)	

RCC	4.4	4.3	4.5	(4.0-5.6)	10*12/L
MCV	82	86	88	(77-95)	fL
WCC	5.3	6.9	5.7	(5.0-12.0)	10*9/L
Neutrophils	1.99	3.37	2.69	(1.5-7.5)	10*9/L
Lymphocytes	2.70	2.83	2.41	(1.0-6.5)	10*9/L
Monocytes	0.31	0.48	0.39	(0-1.5)	10*9/L
Eosinophils	0.26	0.16	0.20	(0-0.6)	10*9/L
Basophils	0.03	0.04	0.02	(0-0.20)	10*9/L
Platelets	237	223	250	(150-600)	10*9/L

HA

Tests Completed: CRP,E/LFT,FBE,ESR
 Tests Pending : Iron Studies,TSH,Vitamin B12,Vitamin D,Cortisol AM,Thyroid Abs
 Sample Pending :

JENKINS, ISLA
 7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-H-H050
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: ESR
Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 05/07/2024 14:22

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematology

ESR 10 (1 - 12) mm/h

HA

Tests Completed: CRP,E/LFT,FBE,ESR
 Tests Pending : Iron Studies,TSH,Vitamin B12,Vitamin D,Cortisol AM,Thyroid Abs
 Sample Pending :

JENKINS, ISLA
 7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-C-H245
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: .ANAEMIA
Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 06/07/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematinics

Date	Latest Results			Reference	Units
	16-Mar-23	08-May-24	05-Jul-24		
Time F-Fast	0826 F	1517	0739 F		
Lab Id.	671508606	526102060	526462625		
Iron	14	16	20	(5-25)	umol/L
Transferrin	2.9	2.3	2.2	(1.9-3.1)	g/L
TIBC	73	57	56	(47-77)	umol/L
Trans Sat	19 L	28	36	(20-45)	%
Ferritin	23 L	296 H	207 H	(30-200)	ug/L

CRP	<0.4	0.9	(<5)	mg/L
Vitamin B12	475	407	(>150)	pmol/L
Folate serum	38		(>7.0)	nmol/L

Comments on Collection 05-Jul-24 0739 F:

Iron Studies

Ferritin elevation where transferrin saturation is $\leq 45\%$ may be due to liver or renal disease or other inflammatory conditions due to infections, malignancy or autoimmune diseases. Suggest repeat iron studies with serum CRP at 3-6 month intervals if nature of abnormality remains unexplained.

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

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Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,Vitamin D,
Cortisol AM,Thyroid Abs,FBE,ESR

Tests Pending :

Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-E-E030
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S- THYROID FUNCTION

Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 06/07/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Thyroid Function Tests

		Latest Results		
Date	16-Mar-23	05-Jul-24		
Time F-Fast	0826 F	0739 F		
Lab Id.	671508606	526462625	Reference	Units
TSH	2.3	2.1	(0.3-4.8)	mIU/L

Comments on Collection 05-Jul-24 0739 F:

Euthyroid

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,Vitamin D,
Cortisol AM,Thyroid Abs,FBE,ESR

Tests Pending :

Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-E-E405
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S-VITAMIN D

Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 06/07/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

25 Hydroxy Vitamin D

25-OH Vitamin D 98 (50 - 150) nmol/L
Comments on Collection 526462625

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end
of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,Vitamin D,
Cortisol AM,Thyroid Abs,FBE,ESR

Tests Pending :
Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-E-E557
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S- CORTISOL
Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 06/07/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Cortisol

Cortisol am 365 (100 - 535) nmol/L

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,Vitamin D,
Cortisol AM,Thyroid Abs,FBE,ESR

Tests Pending :
Sample Pending :

JENKINS, ISLA
7 SPYGLASS RD, CANNON VALLEY. 4800
Phone: 0402512697
Birthdate: 21/07/2014 **Sex:** F **Medicare Number:** 4372583915
Your Reference: 134188236D **Lab Reference:** 526462625-E-E725
Laboratory: SNP
Addressee: DR CHRISTOPHER R GILL **Referred by:** DR CHRISTOPHER R GILL

Name of Test: S- THYROID ANTIBODIES
Requested: 19/06/2024 **Collected:** 05/07/2024 **Reported:** 06/07/2024 05:23

Clinical notes: Not Provided

Clinical Notes : Not Provided

Thyroid Antibodies

Thyroid Peroxidase Ab	<1.0	(	<5.6	)	IU/mL
Thyroglobulin Ab	3.2	(	<4.1	)	IU/mL

Comments on Collection 526462625

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: Iron Studies,CRP,E/LFT,TSH,Vitamin B12,Vitamin D,
Cortisol AM,Thyroid Abs,FBE,ESR

Tests Pending :

Sample Pending :