

Patient Health Summary

Name: Mr Jade Hajj
Address: 506/1 Stedman St
Rosebery 2018
D.O.B.: 18/05/1990
Record No.:
Home Phone:
Work Phone:
Mobile Phone: 0452 407 217

Alto Health General Practice
Level 1, 61-71 Mentmore Avenue
Rosebery 2018
0409617176

Printed on 12th October 2022

Investigations:

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: F44DE1DCD5 **Lab Reference:** 869787610-H-HAEM VIRTUAL
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR KOONAL PRASAD **Referred by:** DR KOONAL PRASAD

Name of Test: _Haematology
Requested: 19/07/2022 **Collected:** 20/07/2022 **Reported:** 20/07/2022 16:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

HAEMATOLOGY

Date	02/12/16	28/05/19	20/07/22		
Time F-Fast	1008 F	1022	1003 F		
Lab ID	242507169	296214498	869787610	Units	Reference
Haemoglobin	136	138	130	g/L	(130-180)
RCC	5.3	5.4	5.1	x10 ¹² /L	(4.5-6.5)
Haematocrit	0.44	0.42	0.40		(0.39-0.54)
MCV	82	L 79	L 79	fL	(80-100)
MCH	L 25.5	L 25.7	L 25.5	pg	(27.0-32.0)
MCHC	313	325	323	g/L	(310-360)
RDW	14.2	14.5	14.5		(10.0-15.0)
WCC	5.1	6.2	6.5	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.28	2.98	3.15	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.11	2.58	2.57	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.53	0.51	0.67	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.14	0.09	0.06	x10 ⁹ /L	(0.0-0.5)
Basophils	0.01	0.03	0.04	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	266	349	H 451	x10 ⁹ /L	(150-450)

Comments on Collection 20/07/22 1003 F:
Borderline / low red cell indices.
Possible causes include iron deficiency and thalassaemia trait /
haemoglobinopathy.
Mild thrombocytosis

NATA Accreditation No 2178

Tests Completed: FBC(e)
Tests Pending : B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),

TSH(s), Testosterone(s), .SHBG/FAI(s), Free Testosterone(s)
Sample Pending :

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERRY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: F44DE1DCD5 **Lab Reference:** 869787610-C-Glucose
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR KOONAL PRASAD **Referred by:** DR KOONAL PRASAD

Name of Test: _Glucose
Requested: 19/07/2022 **Collected:** 20/07/2022 **Reported:** 20/07/2022 17:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

GLUCOSE

Date	28/05/19	20/07/22		
Time F-Fast	1022	1003 F		
Lab ID	296214498	869787610	Units	Reference
F Gluc Plasma		4.0	mmol/L	(3.6-6.0)
R Gluc Plasma	L 3.3		mmol/L	(3.6-7.8)

Comments on Collection 20/07/22 1003 F:
Diabetes is unlikely if fasting glucose levels are less than 5.5 mmol/L but an OGTT could be indicated in the presence of risk factors such as metabolic syndrome or family history of type 2 diabetes.

NATA Accreditation No 2178

Tests Completed: Glu(p), FBC(e)
Tests Pending : B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s), TSH(s),
Testosterone(s), .SHBG/FAI(s), Free Testosterone(s)
Sample Pending :

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERRY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: F44DE1DCD5 **Lab Reference:** 869787610-E-Testo, SHBG, FAI
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR KOONAL PRASAD **Referred by:** DR KOONAL PRASAD

Name of Test: Testo, SHBG, FAI
Requested: 19/07/2022 **Collected:** 20/07/2022 **Reported:** 21/07/2022 05:43

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

Androgens

Testosterone	16.3	nmol/L	(11.5 - 32.0)
SHBG	20	nmol/L	(15 - 50)
Free Androgen Index	81.5	%	(15 - 100)
Calculated Free Testosterone	405	pmol/L	(260 - 740)
Comment on Lab ID 869787610			

For androgen assessment in males, free testosterone calculated using the Vermeulen equation is preferred to direct measurement and also overcomes the limitations that may be associated with the Free Androgen Index (FAI).

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Testosterone(s), .SHBG/FAI(s),
Free Testosterone(s), FBC(e)

Tests Pending :
Sample Pending :

HAIJ, JADE

506/1 STEDMAN ST, ROSEBERY. 2018

Phone: 0452407217

Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733

Your Reference: F44DE1DCD5 Lab Reference: 869787610-E-Vitamin B12/Folate

Laboratory: Douglass Hanly Moir Pathology eOrder

Addressee: DR KOONAL PRASAD Referred by: DR KOONAL PRASAD

Name of Test: B12/Folate/RCF

Requested: 19/07/2022 Collected: 20/07/2022 Reported: 21/07/2022 05:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

VIT B12 & FOLATE

Date 28/05/19 20/07/22

Time F-Fast 1022 1003 F

Lab ID			Units	Reference
Vitamin B12	446	420	pmol/L	(135-650)
S.Fol (Abbott)		24.4	nmol/L	(>7.0)

Comments on Collection 20/07/22 1003 F:

From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Free Testosterone(s), FBC(e)

Tests Pending : Testosterone(s), .SHBG/FAI(s)
Sample Pending :

HAIJ, JADE

506/1 STEDMAN ST, ROSEBERY. 2018

Phone: 0452407217

Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733

Your Reference: F44DE1DCD5 Lab Reference: 869787610-C-Biochemistry

Laboratory: Douglass Hanly Moir Pathology eOrder

Addressee: DR KOONAL PRASAD Referred by: DR KOONAL PRASAD

Name of Test: Biochemistry

Requested: 19/07/2022 Collected: 20/07/2022 Reported: 21/07/2022 05:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

BIOCHEMISTRY

Date	02/12/16	28/05/19	20/07/22		
Time F-Fast	1008 F	1022	1003 F		
Lab ID	242507169	296214498	869787610	Units	Reference
Status	Fasting	Random	Fasting		
Sodium		141	141	mmol/L	(135-145)
Potassium		4.5	4.9	mmol/L	(3.5-5.5)
Chloride		104	104	mmol/L	(95-110)
Bicarbonate		27	26	mmol/L	(20-32)
Urea		H 8.1	5.1	mmol/L	(3.0-8.0)
Creatinine		80	75	umol/L	(60-110)
eGFR		>90	>90	mL/min/1.73m2	(>59)
Calcium			2.46	mmol/L	(2.15-2.55)
Corr Calcium			2.36	mmol/L	(2.15-2.55)
Magnesium			0.92	mmol/L	(0.65-1.00)
Phosphate			1.20	mmol/L	(0.8-1.5)
Bili.Total		8	6	umol/L	(4-20)
ALP		69	80	U/L	(35-110)
GGT		39	H 71	U/L	(5-50)
LD		161	163	U/L	(120-250)
AST		20	23	U/L	(10-40)
ALT		24	34	U/L	(5-40)
Total Protein		83	81	g/L	(68-85)
Albumin		48	48	g/L	(39-50)
Globulin		35	33	g/L	(23-39)
Cholesterol		L 3.7	5.5	mmol/L	(3.9-5.5)
Triglycerides		0.9	1.7	mmol/L	(0.5-1.7)

Comments on Collection 20/07/22 1003 F:

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Free Testosterone(s), FBC(e)

Tests Pending : Testosterone(s), .SHBG/FAI(s)

Sample Pending :

HAJJ, JADE

506/1 STEDMAN ST, ROSEBERY. 2018

Phone: 0452407217

Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733

Your Reference: F44DE1DCD5 Lab Reference: 869787610-C-Iron Studies

Laboratory: Douglass Hanly Moir Pathology eOrder

Addressee: DR KOONAL PRASAD Referred by: DR KOONAL PRASAD

Name of Test: Iron Studies

Requested: 19/07/2022 Collected: 20/07/2022 Reported: 21/07/2022 05:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

IRON

Date	02/12/16	28/05/19	20/07/22		
Time F-Fast	1008 F	1022	1003 F		
Lab ID	242507169	296214498	869787610	Units	Reference
Iron	13.7	18.4		umol/L	(5.0-30.0)
Transferrin	2.5	2.6		g/L	(2.0-3.2)
TIBC (Calc)	56	58		umol/L	(46-70)

Saturation	24	32	%	(10-45)
Ferritin	211	230	H 382	ug/L (30-300)

Comments on Collection 20/07/22 1003 F:
Mildly elevated ferritin levels may be due to metabolic syndrome,
inflammation or alcohol.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Free Testosterone(s), FBC(e)
Tests Pending : Testosterone(s), .SHBG/FAI(s)
Sample Pending :

HAIJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: F44DE1DCD5 Lab Reference: 869787610-C-CRP
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR KOONAL PRASAD Referred by: DR KOONAL PRASAD

Name of Test: CRP(s)
Requested: 19/07/2022 Collected: 20/07/2022 Reported: 21/07/2022 05:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

C Reactive Protein (High Sens)

CRP	2.8	mg/L	(0.0 - 5.0)
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Comment on Lab ID 869787610

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Free Testosterone(s), FBC(e)
Tests Pending : Testosterone(s), .SHBG/FAI(s)
Sample Pending :

HAIJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: F44DE1DCD5 Lab Reference: 869787610-E-Thyroid Function
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR KOONAL PRASAD Referred by: DR KOONAL PRASAD

Name of Test: Thyroid Function
Requested: 19/07/2022 Collected: 20/07/2022 Reported: 21/07/2022 05:13

Clinical notes: Tiredness. Fasting.

Clinical Notes : Tiredness. Fasting.

TFT

Date	28/05/19	20/07/22		
Time F-Fast	1022	1003 F		
Lab ID	296214498	869787610	Units	Reference

TSH 0.70 1.22 mIU/L (0.40-3.50)

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Alb(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Ca(s), Ferr(s), CRP(s), Mg(s),
TSH(s), Free Testosterone(s), FBC(e)
Tests Pending : Testosterone(s), .SHBG/FAI(s)
Sample Pending :

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: 8D52147F59 Lab Reference: 882414761-M-GMC
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR JOANNE LOH Referred by: DR JOANNE LOH

Name of Test: GMC1
Requested: 19/08/2022 Collected: 19/08/2022 Reported: 21/08/2022 11:43

Clinical notes: ?strep throat, Sore throat with white exudate

Clinical Notes : ?strep throat, Sore throat with white exudate

Throat Swab

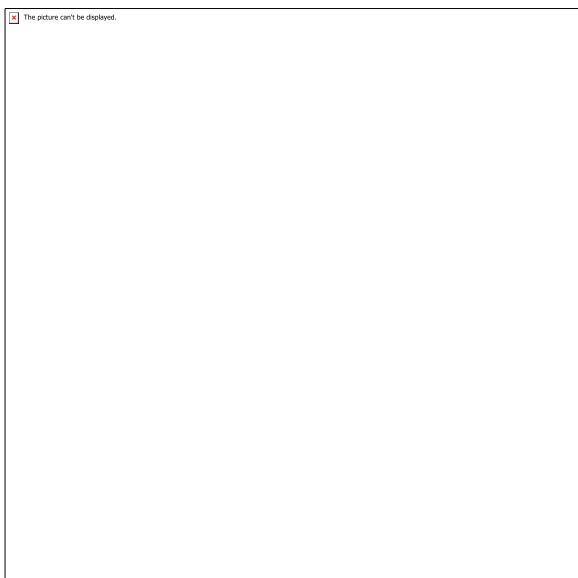
Culture

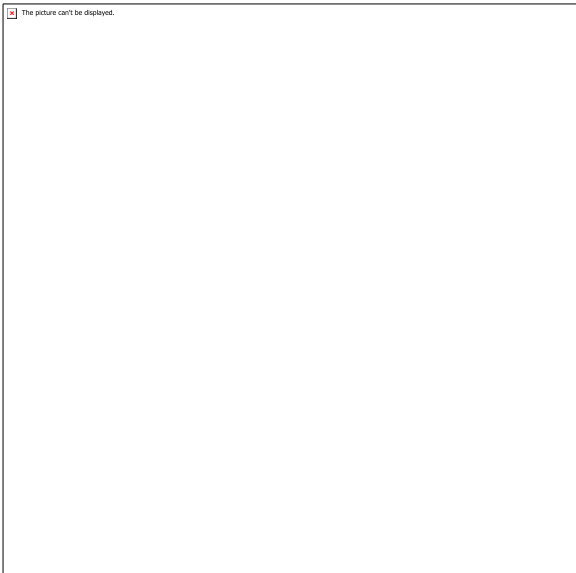
No pathogens isolated after 48h incubation
Comment on Lab ID 882414761

Group A streptococcus NOT isolated.

NATA Accreditation No 2178

Tests Completed: GMC1
Tests Pending :
Sample Pending :





HAJJ, JADE JOSEPH
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: 00006091 **Lab Reference:** 22-19857427-EBV-0
Laboratory: Lavery Pathology
Addressee: DR JOANNE LOH **Referred by:** DR JOANNE LOH

Name of Test: EPSTEIN-BARR VIRUS (EBV-0)
Requested: 19/08/2022 **Collected:** 20/08/2022 **Reported:** 22/08/2022 15:07
Clinical notes: ? thalassemia,sore throat,microcytic Hb ...

Clinical Notes : ? thalassemia,sore throat,microcytic Hb ...

EBV SEROLOGY

Epstein-Barr virus (VCA)	IgG	POSITIVE
Epstein-Barr virus (VCA)	IgM	Negative
EBV Nuclear Antigen (EBNA)	IgG	POSITIVE

Consistent with past exposure to Epstein Barr virus. Please note that antibodies to EBV nuclear antigen (EBNA) are usually detected 2- 3 months after infection and usually persist for life.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : HBE*, FE, FBE, EBV

HAJJ, JADE JOSEPH
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: 00006091 Lab Reference: 22-19857427-FE-0
Laboratory: Lavery Pathology
Addressee: DR JOANNE LOH Referred by: DR JOANNE LOH

Name of Test: IRON STUDIES (FE-0)
Requested: 19/08/2022 Collected: 20/08/2022 Reported: 22/08/2022 15:07

Clinical notes: ? thalassemia,sore throat,microcytic Hb ...

Clinical Notes : ? thalassemia,sore throat,microcytic Hb ...

IRON STUDIES

Specimen Type: Serum			
Serum Iron	2	umol/L	(10-30)
Transferrin	30	umol/L	(27-46)
Transferrin Saturation	3	%	(13-45)
Serum Ferritin	223	ug/L	(30-300)

Although the transferrin saturation is low, the serum ferritin above 100 ug/L excludes iron deficiency (in the absence of advanced kidney disease or heart failure). Transferrin saturation may be reduced by inflammation (acute or chronic) or diurnal variation.

Requested Tests : HBE*, FE, FBE, EBV

HAJJ, JADE JOSEPH
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: 00006091 Lab Reference: 22-19857427-FBE-0
Laboratory: Lavery Pathology
Addressee: DR JOANNE LOH Referred by: DR JOANNE LOH

Name of Test: HAEMATOLOGY (FBE-0)
Requested: 19/08/2022 Collected: 20/08/2022 Reported: 22/08/2022 15:07

Clinical notes: ? thalassemia,sore throat,microcytic Hb ...

Clinical Notes : ? thalassemia,sore throat,microcytic Hb ...

HAEMATOLOGY

Date Collected	20 Aug 22		
Time Collected	00:00		
Specimen Type: EDTA			
Hb	124 g/L	(130-180)	WBC 10.9 x10 ⁹ /L (4.0-11.0)
RCC	4.9 x10 ¹² /L	(4.5-6.5)	Neut 8.5 x10 ⁹ /L (2.0-7.5)
Hct	0.40	(0.40-0.54)	Lymp 1.3 x10 ⁹ /L (1.0-4.0)
MCV	81 fL	(79-99)	Mono 1.1 x10 ⁹ /L (0.2-1.0)
MCH	25 pg	(27-34)	Eos 0.0 x10 ⁹ /L (< 0.7)
MCHC	308 g/L	(320-360)	Baso 0.0 x10 ⁹ /L (< 0.2)
RDW	15.1 %	(10.0-17.0)	
Plat	278 x10 ⁹ /L	(150-400)	

HAEMATOLOGY: Slight anaemia. Neutrophilia and monocytosis.

Requested Tests : HBE*, FE, FBE, EBV

HAJJ, JADE JOSEPH
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: 00006091 Lab Reference: 22-19857427-HBE-0
Laboratory: Laverty Pathology
Addressee: DR JOANNE LOH Referred by: DR JOANNE LOH

Name of Test: HAEMOGLOBIN EPG (HBE-0)
Requested: 19/08/2022 Collected: 20/08/2022 Reported: 23/08/2022 10:57

Clinical notes: ? thalassemia,sore throat,microcytic Hb ...

Clinical Notes : ? thalassemia,sore throat,microcytic Hb ...

HAEMOGLOBIN ELECTROPHORESIS

Date Collected 20 Aug 22
Time Collected 00:00
Specimen Type: EDTA

Haemoglobin A	96.8	%	
Haemoglobin A2	2.8	%	(< 3.5)
Haemoglobin F	0.4	%	(< 1.1) if adult
Hb Barts/ Hb H (strip)	Negative		

Low red cell indices with a normal Hb EPG Screen. Thalassaemia trait (most likely alpha) cannot be excluded.
DNA analysis may be of value.
Partner should be screened including Hb EPG, FBC and iron studies.
Family studies may be helpful.

For queries contact A/Prof Stephen Mulligan

Requested Tests : HBE, FE, FBE, EBV

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 Sex: M Medicare Number: 2790046733
Your Reference: 00006340 Lab Reference: 883627914-D-RVPS
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR JOANNE LOH Referred by: DR JOANNE LOH

Name of Test: RESP VIRUS PCR
Requested: 23/09/2022 Collected: 23/09/2022 Reported: 24/09/2022 07:43

Clinical notes: ? VIRAL ILLNESS

Clinical Notes : ? VIRAL ILLNESS

Respiratory virus PCR

Site	Nasal swab
Influenza A RNA	Not Detected
Influenza B RNA	Not Detected
Parainfluenza RNA	Not Detected
Respiratory Syncytial Virus RNA	Not Detected
Human Metapneumovirus RNA	Not Detected
Adenovirus DNA	Not Detected
Rhinovirus RNA	Not Detected

NATA Accreditation No 2178

Tests Completed: RESP VIRUS PCR, COVID-19 PCR
Tests Pending :
Sample Pending :

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: 00006340 **Lab Reference:** 883627914-D-COVID
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR JOANNE LOH **Referred by:** DR JOANNE LOH

Name of Test: COVID-19 PCR
Requested: 23/09/2022 **Collected:** 23/09/2022 **Reported:** 24/09/2022 07:43

Clinical notes: ? VIRAL ILLNESS

Clinical Notes : ? VIRAL ILLNESS

COVID-19 PCR

Site Nasal swab
SARS-CoV-2 RNA Not Detected (Negative)
Comment on Lab ID 883627914

No SARS-CoV-2 RNA detected by polymerase chain reaction (RT-PCR)

A negative result does not exclude the possibility of infection. In a high-risk clinical context such as recent exposure to a known case or in the presence of unexplained symptoms, repeat testing is recommended.

This is a notifiable result which has been communicated to the relevant State Health Department.

NATA Accreditation No 2178

Tests Completed: RESP VIRUS PCR, COVID-19 PCR
Tests Pending :
Sample Pending :

HAJJ, JADE
506/1 STEDMAN ST, ROSEBERY. 2018
Phone: 0452407217
Birthdate: 18/05/1990 **Sex:** M **Medicare Number:** 2790046733
Your Reference: D3E87FDB71 **Lab Reference:** 883857375-M-MSU
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR JOANNE LOH **Referred by:** DR JOANNE LOH

Name of Test: MSU
Requested: 23/09/2022 **Collected:** 23/09/2022 **Reported:** 24/09/2022 14:43

Clinical notes: Rule out UTI, Fevers

Clinical Notes : Rule out UTI, Fevers

Urine

pH	9	Protein	Trace	Glucose	Nil
Blood	Nil	Ketones	Nil		
Specific gravity	1.020		(1.005 - 1.030)		

Microscopy
Leucocytes 0 x10⁶/L (<10)

Erythrocytes	0	x10*6/L	(	<10	)
Epithelial cells	5	x10*6/L			

Culture No growth

NATA Accreditation No 2178

Tests Completed: MSU

Tests Pending :

Sample Pending :