

MCGUIRE, RONAN
 32 HAWKINS PARADE, BLAXLAND. 2774
 Phone: 61459177989
 Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
 Your Reference: Lab Reference: 835170647-H- HAEM VIRTUAL
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
 Copy to: DR MUSABBEHA KHAN

Name of Test: Haematology
 Requested: 09/10/2023 Collected: 10/10/2023 Reported: 10/10/2023
 18:14

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

Clinical Notes : ?AUTISM SPECTRUM RX NIL WT= 16.5KG

Haematology

Haemoglobin	125	g/L	(105 - 145)
Red cell count	5.4	$\times 10^{12}/L$	(3.7 - 5.7)
Haematocrit	0.39		(0.32 - 0.45)
MCV	72	fL	(70 - 90)
MCH	L 23.1	pg	(24.0 - 30.0)
MCHC	320	g/L	(310 - 360)
RDW	14.9		(10.0 - 15.0)
White cell count	13.1	$\times 10^9/L$	(5.0 - 15.0)
Neutrophils	5.08	$\times 10^9/L$	(1.5 - 8.5)
Lymphocytes	6.82	$\times 10^9/L$	(1.5 - 10.0)
Monocytes	0.94	$\times 10^9/L$	(0.0 - 1.3)
Eosinophils	0.18	$\times 10^9/L$	(0.0 - 0.8)
Basophils	0.08	$\times 10^9/L$	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	434	$\times 10^9/L$	(150 - 600)

Comment on Lab ID 835170647

Red Cell Morphology: No significant abnormality
 Occasional atypical lymphocyte

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), CK(s), FBC(e), FILM
 Tests Pending : B12(s), Iron(s), Vit D(s), Lact., TFT(s), MICRO ARRAY SNP, Fra
 Sample Pending :

MCGUIRE, RONAN
32 HAWKINS PARADE, BLAXLAND. 2774
Phone: 61459177989
Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
Your Reference: Lab Reference: 835170647-C-Biochemistry
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
Copy to: DR MUSABBEHA KHAN

Name of Test: Biochemistry
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 10/10/2023
17:14

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Biochemistry

Sodium	135	mmol/L	(132 - 145)
Potassium	4.5	mmol/L	(3.5 - 5.5)
Chloride	104	mmol/L	(95 - 110)
Bicarbonate	24	mmol/L	(21 - 31)
Urea	4.4	mmol/L	(2.5 - 6.5)
Creatinine	30	umol/L	(20 - 45)
Total Bilirubin	5	umol/L	(4 - 20)
Alk Phos	220	U/L	(120 - 350)
Gamma GT	10	U/L	(5 - 20)
LDH	336	U/L	(150 - 350)
AST	48	U/L	(20 - 55)
ALT	21	U/L	(5 - 30)
Total Protein	71	g/L	(61 - 75)
Albumin	45	g/L	(37 - 48)
Globulin	26	g/L	(20 - 33)
CK	90	U/L	(30 - 150)

Comment on Lab ID 835170647

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), CK(s)
Tests Pending : B12(s), Iron(s), Vit D(s), Lact, :TFT(s), MICRO ARRAY SNP,
Fragile X, FBC(e)
Sample Pending :

MCGUIRE, RONAN 2774
32 HAWKINS PARADE, BLAXLAND.
Phone: 61459177989
Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
Your Reference: Lab Reference: 835170647-C-Iron Studies
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
Copy to: DR MUSABBEHA KHAN

Name of Test: Iron Studies
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 10/10/2023
23:14

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Iron Studies

Iron	16.9	umol/L	(5.0 - 30.0)
Transferrin	3.1	g/L	(2.0 - 3.2)
TIBC (Calculated)	68	umol/L	(46 - 70)
Saturation	25	%	(10 - 45)
Ferritin	L 8	ug/L	(20 - 200)

Comment on Lab ID 835170647

Serum ferritin level indicates depleted iron stores. Iron therapy may be indicated.
Recommend follow up iron studies.

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Tests Completed: B12(s), LFT(s), C(s), UCreat(s), E(s), Iron(s), CK(s),
FBC(e), FILM
Tests Pending : Vit D(s), Lact, :TFT(s), MICRO ARRAY SNP, Fragile X
Sample Pending :

MCGUIRE, RONAN 2774
32 HAWKINS PARADE, BLAXLAND.
Phone: 61459177989
Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
Your Reference: Lab Reference: 835170647-E-Vitamin B12/Folate
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
Copy to: DR MUSABBEHA KHAN

Name of Test: B12/Folate/RCF
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 10/10/2023
23:14

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Vitamin B12 and Folate

Vitamin B12 353 pmol/L (135 - 650)
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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.

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Tests Completed: B12(s), LFT(s), C(s), UCreat(s), E(s), Iron(s), CK(s),
FBC(e), FILM
Tests Pending : Vit D(s), Lact, :TFT(s), MICRO ARRAY SNP, Fragile X
Sample Pending :

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Phone: 61459177989
Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
Your Reference: Lab Reference: 835170647-E-Thyroid Function
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
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Name of Test: Thyroid Function
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 11/10/2023
02:14

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Thyroid Function

TSH	2.14	mIU/L	(0.55 - 7.10)
Free T4	14.0	pmol/L	(12.0 - 25.0)
Free T3	6.1	pmol/L	(4.0 - 10.0)

Comment on Lab ID 835170647

NATA Accreditation No 2178

Tests Completed: B12(s), LFT(s), C(s), UCreat(s), E(s), Iron(s), CK(s),
Vit D(s), :TFT(s), FBC(e), FILM
Tests Pending : Lact, MICRO ARRAY SNP, Fragile X
Sample Pending :

MCGUIRE, RONAN 2774
32 HAWKINS PARADE, BLAXLAND.
Phone: 61459177989
Birthdate: 25/10/2020 Sex: M Medicare Number: 5136038268
Your Reference: Lab Reference: 835170647-G-FRX
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
Copy to: DR MUSABBEHA KHAN

Name of Test: Fragile X
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 19/10/2023
13:44

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Fragile X

Specimen type EDTA

Method Asuragen Amplidex FMR1 PCR and TRP-PCR.

Results Normal range allele(s) detected (CGG)n Repeat
30

Reference limits
Normal <44
Intermediate zone 45-54
Premutation 55-200
Full mutation >200

Interpretation Result NOT consistent with diagnosis of Fragile X syndrome.
Comment on Lab ID 835170647

Test Information:

The Amplidex FMR1 PCR assay uses three-primer TRP-PCR to detect normal to full expansion CGG repeat alleles. Alleles up to 200 repeats are sized with a measurement uncertainty of +/- 2 repeats for alleles <55 repeats and +/- 3 repeats for alleles >55. Full mutation FMR1 alleles are reported as >200 CGG repeats. Low-level mosaicism for an expanded allele may not be detected. Point mutations and deletions in the FMR1 gene (accounting for <1% of Fragile X syndrome) are not detected by this assay.
Reference sequence: LRG_762

Genetic test results may have significant medical implications for both the patient and relatives. Corroboration of this result by reference to other clinical or laboratory information or by repeat testing may be warranted.

NATA Accreditation No 2178

Tests Completed: B12(s), LFT(s), C(s), UCreat(s), E(s), Iron(s), CK(s),

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Your Reference: Lab Reference: 835170647-C-LACT
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR MUSABBEHA KHAN Referred by: DR KUMUTHINY KALAIALAGAN
Copy to: DR MUSABBEHA KHAN

Name of Test: Lact
Requested: 09/10/2023 Collected: 10/10/2023 Reported: 11/10/2023
12:44

Clinical notes: ?AUTISM SPECTRUM RX NIL WT= 16.5KG

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Lactate

Lactate 1.24 mmol/L (0.34 - 2.58)
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Tests Completed: B12(s), LFT(s), C(s), UCreat(s), E(s), Iron(s), CK(s),
Vit D(s), Lact, :TFT(s), FBC(e), FILM
Tests Pending : MICRO ARRAY SNP, Fragile X
Sample Pending :