

BAKHUIS, KATHLEEN
4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 Sex: F Medicare Number: 2682754133
Your Reference: Lab Reference: 886792094-R-CALR
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE Referred by: DR KARAN MAKHIJA
Copy to:
DR WANASINGHE WANASINGHE

Name of Test: CALR
Requested: 20/04/2023 Collected: 20/04/2023 Reported: 05/05/2023
15:07

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

CALR Exon 9 Mutation Analysis

Specimen	EDTA Peripheral Blood
CALR Exon 9 Mutation Analysis	No Mutation Detected

Comment on Lab ID 886792094

This result does not exclude the diagnosis of a myeloproliferative neoplasm, as the majority of patients with primary myelofibrosis or essential thrombocythemia do not have a CALR mutation.

This result should be interpreted in conjunction with clinical information and other laboratory investigations.

MPL mutations are found in a small proportion of patients with primary myelofibrosis or essential thrombocythemia. MPL genotyping is also available (if not already carried out). Please submit a further EDTA blood sample from this patient if MPL genotyping is required.

Test Information:

Insertions or deletions (indels) within exon 9 of the CALR gene (NG_029662.1) are found in 15-25% of patients with ET and 25-35% of patients with PMF.

Testing for indel mutations was carried out using PCR and high resolution fragment size analysis of exon 9 of the CALR gene. The lower limit of detection of this test is approximately 5% mutant allele in a background of non-mutant DNA.

For further clinician enquiries regarding these results, please contact Dr James Harraway (07 3377 8666).

Reported by Sullivan and Nicolaides Pathology, a member of the Sonic Healthcare Group.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
Ca(s), Mg(s), CALR, MPL, FBC(e), FILM
Tests Pending :
Sample Pending :

BAKHUIS, KATHLEEN
4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 Sex: F Medicare Number: 2682754133
Your Reference: Lab Reference: 886792094-V-BCR-ABL PCR RNSH
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE Referred by: DR KARAN MAKHIJA
Copy to:
DR WANASINGHE WANASINGHE

Name of Test: BCR-ABL PCR RNSH
Requested: 20/04/2023 Collected: 20/04/2023 Reported: 28/04/2023
10:07

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

To access a PDF version of the report, copy and paste the URL below into your browser
before 27-04-2024. Use PIN 3319.
<https://sdrviewer.apps.sonichealthcare.com/?GUID=56B89BCF-F6E4-4CF0-A423-5255274E5C18&hostCode=DHM&shareType=1>

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
Ca(s), Mg(s), MPL, FBC(e), FILM
Tests Pending : CALR
Sample Pending :

BAKHUIS, KATHLEEN
 4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 **Sex:** F **Medicare Number:** 2682754133
Your Reference: **Lab Reference:** 886792094-H- HAEM VIRTUAL
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE **Referred by:** DR KARAN MAKHIJA
Copy to:
 DR WANASINGHE WANASINGHE

Name of Test: Haematology
Requested: 20/04/2023 **Collected:** 20/04/2023 **Reported:** 21/04/2023
 13:37

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

Haematology

Haemoglobin	129	g/L	(119 - 160)
Red cell count	4.4	x10 ¹² /L	(3.8 - 5.8)
Haematocrit	0.38		(0.35 - 0.48)
MCV	87	fL	(80 - 100)
MCH	29.1	pg	(27.0 - 32.0)
MCHC	336	g/L	(310 - 360)
RDW	13.2		(10.0 - 15.0)
White cell count	H 11.5	x10 ⁹ /L	(4.0 - 11.0)
Neutrophils	H 7.92	x10 ⁹ /L	(2.0 - 7.5)
Lymphocytes	2.72	x10 ⁹ /L	(1.0 - 4.0)
Monocytes	0.54	x10 ⁹ /L	(0.0 - 1.0)
Eosinophils	0.26	x10 ⁹ /L	(0.0 - 0.5)
Basophils	0.08	x10 ⁹ /L	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	H 523	x10 ⁹ /L	(150 - 450)

Comment on Lab ID 886792094

Red Cell Morphology: Normal

Mild neutrophilia
 Mild thrombocytosis

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
 Ca(s), Mg(s), FBC(e), FILM

Tests Pending : CALR, MPL

Sample Pending :

BAKHUIS, KATHLEEN
4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 Sex: F Medicare Number: 2682754133
Your Reference: Lab Reference: 886792094-R-MPL MUTATION
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE Referred by: DR KARAN MAKHIJA
Copy to: DR WANASINGHE WANASINGHE

Name of Test: MPL
Requested: 20/04/2023 Collected: 20/04/2023 Reported: 27/04/2023
11:07

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

MPL Mutational Analysis

Specimen EDTA Peripheral Blood
MPL Mutational Analysis No Mutation Detected

Comment on Lab ID 886792094

This result does not exclude the diagnosis of a myeloproliferative neoplasm, as the majority of patients with primary myelofibrosis or essential thrombocythemia do not have a MPL mutation.

This result should be interpreted in conjunction with clinical information and other laboratory investigations.

Test Information:

W515K and W515L are the most common mutations in the MPL gene (NG_007525.1) in myeloproliferative neoplasms. These mutations are found in approximately 3-8% of patients with ET or PMF.

Testing was carried out using real-time PCR (Ipsogen MutaScreen kit). The lower limit of detection for these mutations is approximately 1.5% mutant allele in a background of non-mutant DNA. Note that this assay will not detect MPL mutations other than W515K and W515L.

For further clinician enquiries regarding these results, please contact Dr James Harraway (07 3377 8666).

Reported by Sullivan and Nicolaides Pathology, a member of the Sonic Healthcare Group.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
Ca(s), Mg(s), MPL, FBC(e), FILM

Tests Pending : CALR

Sample Pending :

BAKHUIS, KATHLEEN
 4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 **Sex:** F **Medicare Number:** 2682754133
Your Reference: **Lab Reference:** 886792094-C-Biochemistry
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE **Referred by:** DR KARAN MAKHIJA
Copy to:
 DR WANASINGHE WANASINGHE

Name of Test: Biochemistry
Requested: 20/04/2023 **Collected:** 20/04/2023 **Reported:** 21/04/2023
 13:37

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

Biochemistry

Sodium	139	mmol/L	(135 - 145)
Potassium	4.6	mmol/L	(3.5 - 5.5)
Chloride	101	mmol/L	(95 - 110)
Bicarbonate	25	mmol/L	(20 - 32)
Urea	3.4	mmol/L	(2.5 - 7.0)
Creatinine	65	umol/L	(45 - 85)
eGFR	>90	mL/min/1.73m2	(>59)
Calcium	2.50	mmol/L	(2.15 - 2.55)
Corrected Calcium	2.48	mmol/L	(2.15 - 2.55)
Magnesium	0.80	mmol/L	(0.65 - 1.00)
Phosphate	1.20	mmol/L	(0.8 - 1.5)
Total Bilirubin	4	umol/L	(3 - 15)
Alk Phos	94	U/L	(20 - 105)
Gamma GT	23	U/L	(5 - 35)
LDH	183	U/L	(120 - 250)
AST	26	U/L	(10 - 35)
ALT	H 42	U/L	(5 - 30)
Total Protein	72	g/L	(68 - 85)
Albumin	44	g/L	(37 - 48)
Globulin	28	g/L	(23 - 39)

Comment on Lab ID 886792094

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

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
 Ca(s), Mg(s), FBC(e), FILM

Tests Pending : CALR, MPL

Sample Pending :

BAKHUIS, KATHLEEN
4 PURCELL DR, NARRABRI. 2390
Phone: 0427709675
Birthdate: 29/11/1977 Sex: F Medicare Number: 2682754133
Your Reference: Lab Reference: 886792094-C-Iron Studies
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR WANASINGHE WANASINGHE Referred by: DR KARAN MAKHIJA
Copy to: DR WANASINGHE WANASINGHE

Name of Test: Iron Studies
Requested: 20/04/2023 Collected: 20/04/2023 Reported: 21/04/2023
13:37

Clinical notes: 45 YO WOMEN THROMBOCYTOSIS

Clinical Notes : 45 YO WOMEN THROMBOCYTOSIS

Iron Studies

Iron	10.7	umol/L	(5.0 - 30.0)
Transferrin	3.3	g/L	(2.0 - 3.6)
TIBC (Calculated)	72	umol/L	(46 - 77)
Saturation	15	%	(10 - 45)
Ferritin	46	ug/L	(15 - 200)

Comment on Lab ID 886792094

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Iron(s),
Ca(s), Mg(s), FBC(e), FILM
Tests Pending : CALR, MPL
Sample Pending :