

# JAK2 Testing

Including Mutation Analysis in Myeloproliferative Neoplasms



## Sample requirements

4.5 ml peripheral blood in EDTA

*Incomplete forms will result in delay of sample analysis, and possible rejection of samples.*

Patient information		Referring clinician	
Surname		Name (print clearly)	
Forename		Hospital	
DOB	Male / Female		
NHS No		Contact Tel	
Postcode		Email	
Sample information			
Date sample taken			
Pathology Sample Ref			
Clinical diagnosis			
Possible Essential Thrombocythaemia (ET) or Primary Myelofibrosis (PM) - (JAK2/MPL/CALR)		<input type="checkbox"/>	<i>Please select which test is required</i>
Possible Polycythaemia Vera (PV) - (V617F Only)		<input type="checkbox"/>	<i>No selection will result in NO test being performed</i>
Exon 12 (PV – if negative for V617F)		<input type="checkbox"/>	

Samples will be tested for the presence of JAK2 V617F (c.1849G>T)

**Haematology tests only** (if required a further EDTA blood sample is needed)

Erythropoietin


Variant Haemaglobinopathy

Samples should be sent to:

**Haematology Laboratory, 1<sup>st</sup> floor Leech Building, Medical School, Royal Victoria Infirmary, Queen Victoria Road, Newcastle upon Tyne NE1 4LP**

Test result enquiries: 0191 282 4766

Shipping Instructions:

All samples should be appropriately packaged and labelled and sent via Courier or Royal Mail 1st Class Special Delivery.

Enquiries to:

**NewGene, Sample Reception, Biomedicine West Wing, International Centre for Life, Newcastle upon Tyne, NE1 4EP**

Enquiries: 0191 242 1923 / Email: [enquiries@newgene.org.uk](mailto:enquiries@newgene.org.uk) (Opening hours: 8:30am – 5:00pm, Monday to Friday)



## For NewGene use only

Sample ref:

Sample type