Viapath Analytics Molecular Pathology Laboratory contact details

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Molecular Diagnostics Referral Form

Patient details		**Referrer details**	
Surname		Surname	
First name		First name	
Date of Birth		Department	
Sex		Address line 1	
Ethnicity		Address line 2	
NHS number		Address line 3	
Your ref. no:		Postcode	
Antenatal *(ANT)*	Yes ☐ No ☐	Telephone	
Partner *(if ANT)*		Email	

Pathology Results (please provide as much detail as possible).

Iron/liver Parameters		**Haematology indices**			
Serum Ferritin		Hb		HbF %	
Serum Iron		RBC		HbA_2 %	
Serum TSat		MCV		Hb variant %	
Serum Bilirubin		MCH		Absolute Reticulocyte	
		Platelets		Reticulocyte %	
Reason for referral/ family details					

Where possible please also provide a blood film or blood film results.

Sample requirements:	For haemoglobinopathy investigation:	2 x 4 ml EDTA blood
	Children and adults (all other tests):	4 ml EDTA blood
	Infants:	1 ml EDTA blood

Molecular Tests (please tick all that apply)

- ☐ Hb variant identification
- ☐ Haemoglobinopathy investigations
- ☐ Alpha thalassaemia
- ☐ Beta thalassaemia
- ☐ Pyruvate kinase gene sequencing
- ☐ Other (please state):_____
- ☐ Gilbert's genotyping ($TA_{5/6/7/8}$ repeat)
- ☐ Hereditary haemochromatosis (HFE) (C282Y and H63D variants)
- ☐ Alpha-1-antitrypsin genotype (S and Z alleles)
- ☐ Thrombophilia genetic screen (please tick all that apply):
  FVL ☐ PT ☐ MTHFR ☐

For further details of each test please refer to the Viapath website

Next Generation Sequencing **Red Cell Gene Panel**

Please ensure FBC and film data are entered for all NGS requests.
Subpanels (please tick all that apply)

- ☐ Megaloblastic anaemia
- ☐ Congenital dyserythropoietic anaemia
- ☐ Congenital erythrocytosis
- ☐ Membranopathy
- ☐ Bone Marrow Failure
- ☐ Neutropenia
- ☐ Thrombocytopenia
- ☐ Lymphedema
- ☐ Sideroblastic anaemia
- ☐ Diamond-Blackfan anaemia
- ☐ Haemoglobinopathies
- ☐ Red Cell Enzyme
- ☐ Iron regulation
- ☐ HLH
- ☐ Porphyria
- ☐ Single gene analysis:_____(name of gene)

For details of genes in each subpanel, please refer to the Viapath website.

Patient consent

For all samples sent please ensure that the patient has given appropriate consent for:

1. Analysis of DNA for diagnostic purposes.
2. Indefinite storage of DNA.
3. Use of anonymous DNA as control samples.

A copy of our consent form is available upon request.