

**Professor SL Thein – Head of Red Cell Section**

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**Request for DNA Diagnosis (complete both sides of form)**

**Patient**

Name:			
Date of birth:			
Patient's Address			
Postcode			
Home Phone			
Work Phone			
Hospital number		NHS Number	
Ethnicity			
Family History			

**Referrer (Report address)**

Name			
Title			
Address			
Postcode			
Contact Phone			
Contact Fax:			

**GP**

GP Name			
GP Address			

GP Postcode	
Health District & Primary Care Group	

### Sample

Date sample taken	
Hb:	
RBC:	
MCV:	
MCH:	
HbA <sub>2</sub> :	
Hb F:	
Ferritin:	
Reason for referral/Family details	

Sample requirements:            Adults (16 years and above) 10-15 mls EDTA blood  
    Children (2-15 years)            5 mls EDTA blood  
    Infants (0-2 years)            2 mls EDTA blood

All blood samples must be labelled with:-First name, surname, DoB, Hospital No. and date of sample

***For all samples taken, please complete the attached proforma and post with the samples to the letterhead address.***

#### Samples for globin chain synthesis measurement

Diagnosis of haemoglobinopathies using measurement of the globin chain synthesis ratio can only be done by prior arrangement after discussion with Professor Thein. 10 mls heparinised blood is needed **in addition** to the requirements for specimens for DNA analysis. **Please note that samples for globin chain synthesis analysis should be received within 1 hour of collection and therefore must be sent urgently by courier, for this reason it is preferable that these patients are seen at King's College Hospital. If a sample is sent, a similar blood sample from an unaffected person must be sent as a travel control.**

Patient information details can be supplied in an alternative format if convenient. An electronic version of this request form is available on request.

### **PATIENT CONSENT**

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

- 1. The storage of DNA prepared from the blood sample, in case future haemoglobinopathy investigations or repeat tests are needed for the purposes of the patient's own diagnosis.**
- 2. The stored DNA may be used anonymously for the purposes of quality assurance, education and training of laboratory staff**