

## **RED CELL LABORATORY AT KING'S**

The Red Cell laboratory serves the local population and is also a national referral centre that provides a comprehensive service for the analysis of haemoglobin variants and thalassaemias and red cell enzymopathies.

Analytical procedures performed include universal Antenatal Screening and Neonatal Screening as part of the Regional New Born Screening Program, processing approximately 60,000 samples annually. Initial screening is by HPLC and further tests are performed depending on the HPLC results, red cell indices and clinical details. This could include alkali and acid electrophoresis, iso-electric focussing, HbH bodies and Kleihauer testing. All samples sent for analysis will receive an interpretive comment relevant to the clinical details.

The section offers a comprehensive range of assays for the measurement of red cell enzymes and other investigations of red cell haemolysis. We provide this service for a wide range of referrers throughout the UK.

### **Contacts**

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