



Haemoglobin S Screen

Synonyms	Sickledex, Sickle Sol, Sickle Solubility Test, Sickle Screen, HbS.
Clinical Indication	To confirm or exclude presence of Haemoglobin S as a confirmation test as part of the haemoglobinopathy screen or in cases of urgent clinical need prior to emergency surgery etc. Ethnic origin required.
Part of Profile / See Also	Haemoglobinopathy screen (HPLC)
Request Form	Combined Pathology manual blood form or ICE request
Availability / Frequency of Analysis	The test will be performed on urgent requests (pre-op) where there is insufficient time to perform HPLC. Please phone the laboratory to request urgent testing. Test performed when confirming HPLC results.
Turnaround Time	Same day
Patient Preparation	None required
Sample Requirements	
Specimen Type	Whole blood (EDTA)
Volume	1 x 3 or 4 ml.
Container	 Purple top (EDTA) tube  Paediatric Lavender top (EDTA) tube
Reference Range & Units	Positive or Negative
Interferences	This test is unreliable in: <ul style="list-style-type: none"> i) infants less than 3 months old. ii) the presence of Dextrans. iii) the presence of abnormal levels of serum protein.
Interpretation & Clinical Decision Value (if applicable)	A full Haemoglobinopathy screen using HPLC will be performed to confirm results.
References	Sickledex Test Pack insert
Test code	SIC
Lab Handling	Hb variants requiring confirmation or definitive diagnosis are sent to Kings College Hospital