



## HAEMOGLOBINOPATHY WORKSHEET 2010

The samples have been tested and found to be homogeneous and stable for the purpose of these exercises.

Samples are lyophilised and will require reconstitution with distilled water. Please see over for reconstitution information.

<b>MARCH</b>	Cycle 10 Run 1	HP10-03 HP10-03a	HbA <sub>2</sub> , HbF, Variant, Diagnosis Blood film - if issued
<b>MAY</b>	Cycle 10 Run 2	HP10-05 HP10-05a	HbA <sub>2</sub> , HbF, Variant, Diagnosis Blood film - if issued
<b>AUGUST</b>	Cycle 10 Run 3	HP10-08 HP10-08a	HbA <sub>2</sub> , HbF, Variant, Diagnosis Blood film - if issued
<b>OCTOBER</b>	Cycle 10 Run 4	HP10-10 HP10-10a	HbA <sub>2</sub> , HbF, Variant, Diagnosis Blood film - if issued

## RECONSTITUTION INFORMATION

SAMPLE	Reconstitution volume Distilled water	Test	Interpretation	Units
HP10 -**	1mL	HbA <sub>2</sub>	Low / Normal / Borderline / Raised	%
		HbF	Low / Normal / Borderline / Raised	%
		Variant		%

- A freeze dried haemolysate is supplied.
- Reconstitute the lyophilised sample with 1 ml of distilled H<sub>2</sub>O.
- Allow to stand for at least 10 minutes, then gently mix (Hb = 100g/L).
- Keep samples at 2-4°C until the time of testing & perform testing within 1 hour of reconstituting.
- Quantitate HbA<sub>2</sub>, HbF and any Hb Variant (if present).
- Report results on RESULT SHEET, marking your results as LOW, NORMAL, BORDERLINE or RAISED.
- State clearly the method used for HbA<sub>2</sub> and HbF on the RESULT SHEET.
- If blood film has been provided please provide film comment in the comment section of the RESULT SHEET.
- Provide Diagnosis.
- Clinical information for the individual samples will be included with the dispatch insert.
- Results can now be entered online.

### Special note to Helena Column Chromatography users:

- It is suggested that further dilutions of the haemolysate be prepared as follows:

50µL of haemolysate + 250µL of haemolysate Reagent C = 300µL(total volume) 100µL of this diluted haemolysate should then be applied to the column

### HPLC users:

- Please include a copy of the chromatogram with your result sheet.