

UK NEQAS Haematology
SURVEY 2307BF:BLOOD FILMS FOR MORPHOLOGY
DISTRIBUTION DATE: 6th November 2023
CLOSING DATE: 23:59 (GMT); 19th November 2023

1.0 Distribution Package

Distribution 23K includes the following surveys:

- | | |
|-------------------------------|--------------------------------------------|
| 1. Full Blood Count | 4. Blood Films for Parasite identification |
| 2. Reticulocyte Count | 5. Rapid Diagnostic Tests for Malaria |
| 3. Blood Films for Morphology | 6. Red Cell Enzymes (G6PD) |

A full package comprises a plastic postal bag, documentation and a moulded plastic specimen carrier holding vials of survey material and/or a slide carrier. The specimen carrier has an absorbent side that will absorb the entire contents of the package, in the event of a breakage.

Specimens are only included for the tests for which you are registered. If you do not receive the expected combination of specimens, notify us immediately so that appropriate action can be taken.

Repeat specimens may be requested by Email: haem@ukneqas.org.uk or Tel: +44 (0)1923 587111

2.0 Information required for Control of Substances Hazardous to Health (COSHH)

This information is printed on a separate information sheet and should be reviewed by your COSHH assessor for consideration of any changes necessary to your local work practices.

3.0 Use of packaged material

This material is for use in External Quality Assessment Surveys to assess laboratory performance.

4.0 Blood films for Morphology Survey 2307BF

This survey contains two films, **2307BF1** and **2307BF2** fixed in methanol and stained with May-Grünwald Giemsa.

Patient details

	2307BF1	2307BF2
Age (years)	79	79
Sex	M	F
Hb (g/L)	98	102
WBC (10 ⁹ /L)	15.6	142.1

Specimen handling and disposal

- Examine the films for morphological features
- The material should be handled and discarded as patient material

5.0 Return of results

- You may indicate up to five significant features. It is not necessary to enter five codes if there are less than five significant features. Do not substitute a general morphological identity, e.g. 'features of CML', instead of marking the individual coded comments. If the coded comments comprise a specific syndrome, e.g. 'Post Splenectomy', record this in the 'Morphological Syndrome' box.
- Return your results on line at www.ukneqash.org/sampleentry or by email to haem@ukneqas.org.uk providing your PRN.
- If you find the specimen quality unsatisfactory, tick the 'unsatisfactory' box and note the details in the Comment box.
- The morphology codes are printed on page 2 of this form.

6.0 Next Distribution:

The next Blood films for Morphology survey (2308BF) is scheduled for 4th of December 2023.

CODING LIST FOR BLOOD FILMS (revised 06.08.21)

Code	Comment
001	NORMAL FILM

Leucocytes

Code	Comment
203	Monocytosis
204	Eosinophilia
205	Hypersegmented Neutrophils/Right Shift
206	Band Form Neutrophils
207	Pelger Cells
208	Cytoplasmic Vacuolation
209	Toxic Granulation
210	Döhle Bodies
211	Hypogranular/Agranular Cytoplasm (Neutrophils)
212	Blast Cells
213	Promyelocytes
214	Prolymphocytes
215	Myelocytes
216	Hairy Cells
217	Cerebriform Nuclei/Sézary Cells
218	Smear/Smudge Cells
219	Atypical/Suspect Reactive Lymphocytes
220	Reactive/Plasmacytoid Lymphocytes
221	Cleft Nuclei
222	Plasma Cells
223	Auer Rods
224	Basophilia
225	Neutrophilia
226	Neutropenia
227	Lymphocytosis
228	Lymphopenia
229	Abnormal/Suspect Neoplastic Lymphocytes
230	Large Granular Lymphocytes
231	Left Shift
232	Lobulated, Clover Leaf Lymphocytes
233	Pseudo-Pelger Cells
234	Promonocytes
250	Other Leucocyte Comment - please specify

Parasites

Code	Comment
100	No Parasites seen
101	Plasmodium vivax
102	Plasmodium ovale
103	Plasmodium falciparum
104	Plasmodium malariae
105	Microfilaria
106	Trypanosomes
107	Plasmodium knowlesi
108	Malarial Parasites seen (Thick Film only)
150	Other Parasite Comment - please specify

NOTE: Please use the 'comments' text box to record any significant morphological features not listed

Erythrocytes

Code	Comment
002	Microcytes
003	Macrocytes
004	Hypochromic Cells
005	Polychromatic Cells
006	Mixed Cell Population (Dimorphic)
007	Poikilocytes
008	Elliptocytes
009	Pencil Cells
010	Target Cells
011	Echinocytes/Crenated Cells
012	Fragments/Schistocytes
013	Sickle Cells
014	Stomatocytes
015	Ovalocytes
016	Spherocytes
017	Rouleaux
018	Agglutination
019	Pappenheimer Bodies
020	Howell-Jolly Bodies
021	Basophilic Stippling/Punctate Basophilia
022	Nucleated RBCs
024	Acanthocytes
025	Tear Drop Poikilocytes
026	Irregularly Contracted Cells
027	Oval Macrocytes
028	Blister/Hemighost Cells
029	Keratocytes/Bite Cells
050	Other Erythrocyte Comment - please specify

Platelets

Code	Comment
301	Thrombocytosis
302	Thrombocytopenia
303	Large/Giant Platelets
304	Megakaryocyte Fragments
305	Platelet Clumps
306	Platelet Satellitism
307	Platelet Anisocytosis
308	Hypogranular Platelets
350	Other Platelet Comment - please specify