

Hemacolor[®]

Rapid staining with
excellent reproducibility

Focussing your hematology targets.



Hemacolor[®] – Rapid staining in hematology and clinical cytology

The Hemacolor[®] Staining Kit combines the brilliance and reproducibility of Pappenheim staining with the advantage of a rapid stain.

Suited for the staining of:

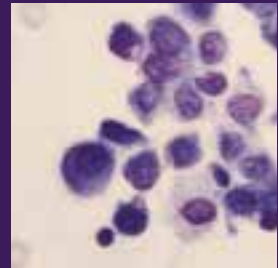
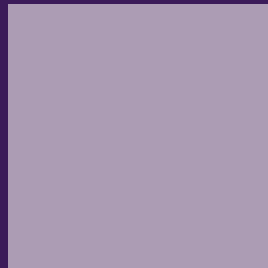
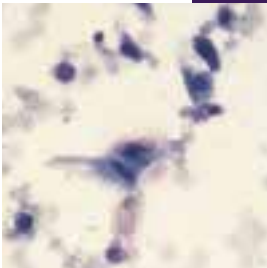
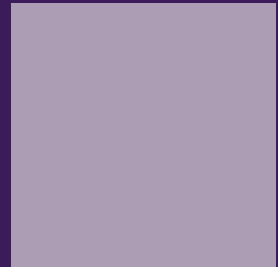
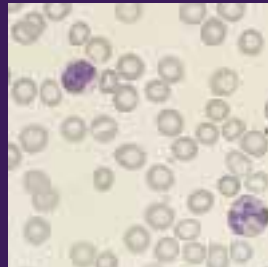
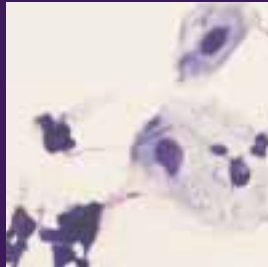
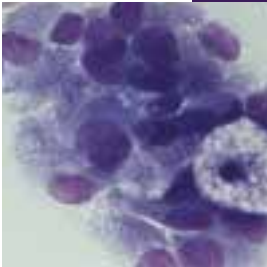
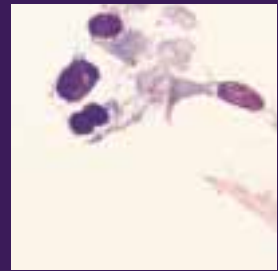
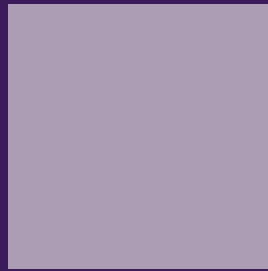
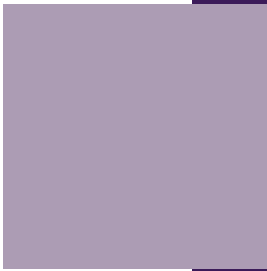
- Air-dried blood and bone marrow smears
- Preparations from clinical cytology (e.g. sputum, urine sediment, body effusions, lavages, FNAB, tumor imprints)
- Microorganisms, protozoae and malaria plasmodia

With the help of hematological staining solutions, cellular anomalies and structures can be excellently visualized and morphological changes clearly identified. In the case of the Hemacolor[®] Staining Kit, clear visualization of the various types of cell material is combined with a short staining time. It is thus excellently suitable for intra-operative diagnosis.

The Hemacolor[®] Staining Kit contains a fixing solution, one red (eosin) and one blue (azure) staining solution and phosphate buffer tablets of pH 7.2 according to Weise. The fact that the staining solutions are separately applied results in a high degree of stability as the precipitates normally present in conventional hematological staining solutions are effectively prevented. The rinsing solution made from the phosphate buffer tablets ensures that the stain is stable and highly reproducible. This is particularly valuable in the case of hematological stains as these tend to react very sensitively to changes in the pH of the rinsing solution. This is especially noticeable when using tap water or distilled water as rinsing medium.

Staining is carried out as follows:

1. Immerse and agitate the well-air-dried smears in solution 1 five times for 1 sec., and allow the solution to run off
2. Immerse and agitate the smears in solution 2 three times for 1 sec.
3. Immerse and agitate the smears in solution 3 six times for 1 sec. and allow the solution to run off
4. Rinse the smears thoroughly in phosphate buffer solution acc. to Weise
5. Dry thoroughly and mount if necessary



The visible advantages of Hemacolor® staining:

- Easy of handling
- Brilliant staining after only 30 sec.
- High stability of the solutions
- Excellent reproducibility
- Excellent yield and color capacity of the solutions used
- Can be used with specimen as listed above

Product information

| Product description | Merck Cat.No. | Package size |
|---|---------------|---|
| Hemacolor® | 1.11674.0001 | 3 x 100 ml; 3 buffer tablets acc. to Weise |
| Hemacolor® | 1.11661.0001 | 3 x 500 ml; 6 buffer tablets acc. to Weise |
| Hemacolor® solution 1 Fixing solution | 1.11955.2500 | 2.5l |
| Hemacolor® solution 2 Color reagent red | 1.11956.2500 | 2.5l |
| Hemacolor® solution 3 Color reagent blue | 1.11957.2500 | 2.5l |
| Buffer tablets pH 7.2 acc. to Weise | 1.09468.0001 | 1 pack (100 tablets) |

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