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Standard Specification for Color-Coding Pipets or Containers Coated With Anticoagulants¹

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^{e1} NOTE—Keywords were added in March 2000.

1. Scope

1.1 This specification covers a system to identify the anticoagulants used in coating pipets or containers not exceeding 1 mL in volume.

1.2 The purpose of this specification is to ensure that if a color code is used with an anticoagulant, all manufacturers will be encouraged to use the same code; it is not intended to require color coding.

2. Referenced Documents

2.1 ASTM Standards:

E 733 Specification for 44.7 μ L Disposable Glass Micropipets²

E 734 Specification for Disposable Glass Blood Sample Capillary Tube (Microhematocrit)²

3. Color Code

3.1 The color coding used to identify the anticoagulant used in coating the pipets shall be in accordance with Table 1.

¹This specification is under the jurisdiction of ASTM Committee E-41 on Laboratory Apparatus and is the direct responsibility of Subcommittee E41.01 on Apparatus.

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²Annual Book of ASTM Standards, Vol 14.04.

TABLE 1 Anticoagulant Color Code Identification

| Anticoagulant | Color Code Band |
|------------------|-----------------|
| Ammonium Heparin | Red |
| Sodium Heparin | Green |
| Lithium Heparin | |

3.2 Variations in the enamels used and in the methods of application appropriate for pipets made from different types of glass inevitably result in minor variations of color, and it is therefore not appropriate to specify more closely the colors mentioned in the table.

4. Dimensions and Permissible Variations

4.1 The color code shall consist of a color band 1-3 mm wide which shall completely encircle the pipet in a plane perpendicular to its longitudinal axis.

4.2 The location of the color code shall not be more than 20 mm from the top of the pipet.

4.3 If other color code bands are used to indicate capacity, they shall be 2-6 mm wide. The anticoagulant color code band should be separated with a space of at least 5 mm. The color code band indicating the anticoagulant should be closest to the top of the pipet.

5. Keywords

5.1 anticoagulants; colorcoding; pipets

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