



1B-391

Night blue

1B-393

Victoria blue B

In-vitro diagnostic agent

Description

The product 1B-391 is supplied in 4 different pack sizes: 1B-391.00010 (10g bottle), 1B- 391.00025 (25g bottle), 1B-391.00100 (100g bottle) and 1B-391.01000 (1kg bottle). The product 1B-393 is supplied in 6 different pack sizes: 1B-393.00010 (10g bottle), 1B-393.00025 (25g bottle), 1B-393.00030 (30g bottle), 1B-393.00100 (100g bottle), 1B-393.00300 (300g bottle) and 1B- 393.01000 (1kg bottle). It is a dry dye for preparing a staining solution for professional users for application in histology.

Main components

Night blue (C.I. 44045)

Purpose

The dye "night blue" is used in histology, histochemistry and cytology. The dye is used to prepare a solution (e.g. in distilled water). The solution can be used for nuclear staining and for the quantitative detection of phospholipids.

Sample material and sample preparation

Sampling may only be carried out by qualified personnel. All samples must be processed with state-of-the-art technology. All samples must be clearly labelled.

Sample material: Sections of human tissue after fixation, for instance by means of buffered formol and fixation mixtures with ethanol and formalin and subsequent embedding in paraffin or frozen sections.

Test principle

For dyeing, the dry dye "night blue" is first mixed with water or ethanol and completely dissolved while stirring. During staining, cell nuclei turn blue.

Staining

Before staining, deparaffinise the sections and transfer them to distilled water via a descending ethanol series. The colouring is done with night blue solution. The samples are then rinsed in distilled water and transferred to xylene via an ascending ethanol series. The samples can be covered with a synthetic covering medium for subsequent microscopy.



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