

Papanicolaou Harris Hematoxylin**Manufacturer: Diapath S.p.A.****Intended use**

Reagents for in vitro diagnostic use

Code	Packaging
C0570	100 ml
C0572	500 ml
C0573	1000 ml
C0574	2000 ml
C0575	2500 ml
C0576	5000 ml

Description

Papanicolaou' staining is a polychrome reaction suitable for cytological preparations. This protocol is composed by a nuclear dye based on water (Papanicolaou Harris Hematoxylin) and by two cytoplasmic dyes based on alcohol (OG6 and EA50).

Composition

Haematoxylin	CAS No.517-28-2	EC No. 208-237-3	C.I. 75290
Aluminium potassium sulphate	CAS No.7784-24-9	EC No. 233-1413	
Deionized water	CAS No. 7732-18-5	EC No. 231-791-2	
Sodium iodate	CAS No.7681-55-2	EC No. 231-672-5	
Ethyl alcohol	CAS No.64-17-5	EC No. 200-578-6	
Acetic acid	CAS No.64-19-7	EC No. 200-5807	

Stain Protocol

Cytological preparations have to be fixed and dried in the open air before staining. Papanicolau's staining:

1. Water 1-2 minutes
2. Harris' haematoxylin 30 seconds - 1 minute
3. Running water 5 minutes
4. Ethanol 95° 2 minutes
5. Ethanol 95° 2 minutes
6. OG6 1-2 minutes
7. Ethanol 95° 2 minutes
8. Ethanol 95° 2 minutes
9. EA31 1-2 minutes
10. Ethanol 95° 2 minutes
11. Ethanol 95° 2 minutes
12. Absolute ethanol 2 minutes
13. Xylene or substitutes. Mount the slide

Results

Nuclei	Blue
Cytoplasm keratinized elements	Orange
Cytoplasm	Pink - Blue/green

Quality control

The products and the raw materials are entered and constantly monitored by computer systems that allow traceability between batch number of each single product and batches of their raw materials.

Instructions of use

To avoid mistakes, the product should be used by qualified and trained staff. Professional use product. The guidelines concerning safety on the workplace must be applied according to current regulations. The tools used for diagnosis must be suitable for diagnostic use in laboratory. The diagnosis should be performed only by authorized, trained and competent staff. Control sections should be used during each test to avoid incorrect results.

Storage

Store the product according to the specifications listed on the label. The product, if opportunely stored and integrally packed, is stable up to the expiry date reported on the label. Do not use after expiration date.

If the reagent is not stored as recommended, its performance may change and must be validated by the user. After opening, the reagent is stable up to expiration date but only if stored in its container and in accordance with the specifications listed on the label. It is recommended to close the container tightly after the use.

Disposal instructions

The expired and/or unused product must be disposed according to local waste regulations, based on danger classification on the label and after possible contaminations evaluation. In some cases it may be necessary an analytical evaluation to determine the correct waste classification and the danger features.

Labeling legend

Batch n.



Manufacturer



Storage temperature limits



Product code



Expiry date



In vitro diagnostic medical device



Photosensitive

For more information see the MSDS.