

Hematoxylin-Eosin Staining Solution



**In Vitro Diagnosis
For Professional Use**

【Product Name】

Hematoxylin-Eosin Staining Solution

【Specification】

01 Specification: Hematoxylin staining solution 100ml, Eosin staining solution 100ml; 02 Specification: Hematoxylin staining solution 250ml, Eosin staining solution 250ml; 03 Specification: Hematoxylin staining solution 500ml, Eosin staining solution 500ml; 04 Specification: Hematoxylin staining solution 1000ml, Eosin staining solution 1000ml.

【Intended use】

Mainly used for staining cell tissues.

【Main components】

This product consists of two kinds of staining solution: 1. Hematoxylin Staining Solution: It contains Hematoxylin, Aluminum Potassium Sulfate, Sodium Iodate, Anhydrous Ethanol, Glacial Acetic Acid, Distilled Water; 2. Eosin Staining Solution: It contains Eosin, 80% Alcohol, Distilled Water.

【Contraindication】

not have

【Inspection Principle】

Hematoxylin is a basic dye. Hematoxylin staining solution interacts with acidic substances in the nucleus of the cell, causing the nucleus to appear blue in color. Eosin is an acidic dye. Eosin stain interacts with basic substances in the cell plasma, myofibrils, collagen fibers and other cells to give the cell plasma an orange-red color. Hematoxylin-Eosin Stain is mainly used for staining paraffin sections, frozen sections, sponge sections, resin sections, smears and prints of various cells and tissues.

【Sample Request】

Suitable for staining of various cells and tissues in paraffin section, frozen section, sponge section, resin section, smear and print.

【Instructions for use】

1. Paraffin sections were deparaffinized in environmentally friendly transparent agent (I) (II) (III) for 5 minutes each, and then subjected to 95% ethanol (I) (II) for about 1 minute each;
2. Into 80% ethanol for about 1 minute, and rinsed with tap water for 1 minute;
3. Hematoxylin staining solution for 3-5 minutes, rinsed with tap water for 1-2 minutes;
4. 0.5%- 1% hydrochloric acid ethanol differentiates the section for a few seconds;
5. Rinse with tap water for 5- 10 minutes, bluing with dilute lithium carbonate aqueous solution, and then rinse for 1-2 minutes;
6. Into the eosin staining solution 0.5- 1 minutes, water washing;
7. 80%, 95% ethanol coloring dehydration;8. Dehydrate in anhydrous ethanol (I) (II) for 1-2 minutes, transparent with environmental protection transparent agent (I) (II) (III) for 1-2 minutes;
9. Seal the film with environmental protection sealing glue, and then examine it by microscope.

【Interpretation of test results】

Observe the staining results under a microscope:
Nucleus stained blue; cytoplasm and fibers stained orange-red.

【Precautions, warnings and reminders】

1. This product is only used for in vitro diagnosis.
2. This reagent is flammable and should be stored away from open flame.
3. Cover the reagent bottle tightly after each use to prevent the reagent from volatilization and contamination.
4. The reagent has a certain degree of corrosiveness, please pay attention to appropriate protection, such as swallowed or into the eyes, please follow the doctor's advice.
5. For your safety and health, please wear lab coat and disposable gloves.
6. The product does not act directly on the human body. Avoid skin contact when using.

【Storage conditions and expiration date】

This product should be stored in the relative humidity does not exceed 80%, no corrosive gas and well-ventilated room, avoid high temperature. Transportation should not be mixed with toxic, harmful, corrosive or smelly items, and should be lightly loaded and unloaded during transportation, do not put heavy pressure on it.

Period of validity: 12 months

【Date of manufacture】

See product box for details

【Name of filer/producer】

Dezhou Guoke Medical Technology Co.,Ltd

【Contact details】

0534-7057266

【Index of Symbols】

Symbols	Title	Symbols	Title
	CE MARK		Catalogue number
	Manufacturer		Authorized representative in the European Community
	In vitro diagnostic medical device		Single use only
	Date of manufacture		Use-by date
	Batch code		Tests / box
	Consult instructions for use		Upwards
	Keep away from sunlight		Keep dry
	Unique device identifier		



Manufacturer:

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