

Folate Receptor-Mediated(FRD) Epithelial Tissue Staining Reagents



In Vitro Diagnosis For Professional Use

【 Product Name 】 Folate Receptor-mediated(FRD) Epithelial Tissue Staining Reagents

【Specification】 3mL/staff/person

【Main components】

It consists of acetic acid, folic acid complex, methylene blue, and purified water.

【Intended use】

Suitable for cervix, vaginal and vulvar epithelial tissue cell staining, is a new type of clinical rapid screening products.

【Contraindication】 not have

【Inspection Principle】

The folate complex rapidly enters the cytoplasm by binding to folate receptors on the surface of the diseased cells, while reduced methylene blue also enters the cytoplasm. Reactive oxygen species (ROS), which are widely present in the cell, oxidise reduced methylene blue to blue oxidised methylene blue. When the intracellular osmotic pressure rises, the oxidised methylene blue escapes from the cell and discolours the swab. The colour change suggests that the expression of folate receptors on the surface of the cells in this area is increased, and that the intracellular pressure of reactive oxygen species is increased, suggesting that the cervix may have an abnormal lesion that requires further testing.

【Sample Request】

For human vaginal or cervical epithelia tissue exfoliated cell samples.

【Instructions for use】

1. Place a vaginal dilator to expose the cervical opening;
2. Sample by applying force to the surface of the epithelial tissue near the cervix in 3-5 turns, and finally pressing at the cervical opening for 3-5 seconds to obtain exfoliated cells;
3. Insert the tip of the cotton swab into the reagent tube, allowing the epithelial tissue staining solution inside to penetrate into the swab and fully infiltrate it;
4. Observe the color change of the swab immediately (please remember not to observe it repeatedly for a long time).

【Interpretation of test results】

1. The swab is negative if it is light brown or light green, suggesting that there is no abnormal lesion in the epithelial tissue, and patients are recommended to have regular checkups;
2. The swab becomes blue-green, positive, suggesting that the cervix is suspected of abnormal lesions, and it is recommended to do further colposcopy and pathological biopsy;
3. The swab becomes dark green or dark blue or black, suggesting abnormal lesions in the epithelial tissue, and further colposcopy and pathological biopsy are recommended;
4. Negative cervical bleeding is manifested as a small black spot on the swab, which is not used as a basis for judgment.

【Limitations of the test method】

1. The accuracy of the test results depends on the precision of the instrument and the experience of the tester.

2. The test results are for clinical reference only and are not the sole basis for diagnosis.

【Precautions, warnings and reminders】

1. This reagent is for in vitro diagnostic use, not for internal or external use in humans or animals. If swallowed, it may lead to serious incidents; it is irritating to the eyes and skin, if it gets into the eyes inadvertently, flush with water immediately, and ventilation should be maintained during use;
2. This product is for one-time use and cannot be reused;
3. For those with epithelial hemorrhage, the blood on the swab is not a basis for observation;
4. Women who have not had sex, pregnant women, women during physiological period, women with total uterine excision, women taking antitumor drugs are prohibited from use;
5. Do not use it in combination with other dyeing solutions, and do not use it if the outer package is damaged.

【Storage conditions, methods】 Sealed, stored at room temperature, refrigeration storage is prohibited.

【Date of manufacture, lot number, expiration date】 See product box for details.

【Sell-by date】 24 months

【Index of CE 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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