抗酸染色试剂盒

货号：G1170
规格：3×50mL/3×100mL/3×250mL
保存：室温，避光保存，有效期 1 年。

产品组成：

名称	3×50mL	3×100mL	3×250mL	保存
试剂（A）：抗酸染色液 A	50mL	100mL	250mL	室温
试剂（B）：抗酸染色液 B	50mL	100mL	250mL	室温
试剂（C）：抗酸染色液 C	50mL	100mL	250mL	室温，避光

产品介绍：

抗酸染色用于细菌标本涂片或菌落涂片的染色。常用于对分枝杆菌属进行初步鉴别。普通细菌染色比较容易着色，而分支杆菌细胞壁含脂质较多，染色比较困难，必须加热才能被石炭酸复红着色。分枝杆菌菌体着色后，能抵抗盐酸酒精等酸性脱色剂的脱色，而其他细菌和细胞等均被脱色。当再用碱性美蓝复染后，分支杆菌仍为红色，其他细菌与背景呈蓝色。

操作步骤：（*仅供参考*）

1. 做一适当厚度的涂片，干燥后火焰固定。
2. 滴加抗酸染色液 A 于玻片上，覆盖住样本，在酒精灯上加热，切勿沸腾，出现蒸汽即暂时移开，必要时可续加染色剂以免干涸。加热 3-5 分钟。
3. 移开火，静置 5 分钟，待标本冷却后以自来水冲洗。
4. 用抗酸染色液 B 脱色（大约 1 分钟）至无红色染液脱出为止。完全脱色可避免产生假阳性结果。
5. 自来水缓慢冲洗后，滴加抗酸染色液 C 复染约 30 秒，水洗。
6. 待干后油镜观察。

染色结果：

抗酸阳性菌	红色
抗酸阴性菌	蓝色
背景	蓝色

注意事项：

1. 染色程度可通过改变染色时间或染色温度做适当调整。
2. 每次试剂用完后，请迅速盖好，以免挥发。
3. 本产品有一定的刺激性和腐蚀性，使用时请穿实验服并戴一次性手套操作。

Acid-Fast Stain Kit

Cat: G1170
Size: 3×50mL/3×100mL/3×250mL
Storage: RT, avoid light, valid for 1 year.

Kit Components

Reagent	3×50mL	3×100mL	3×250mL	Storage
Reagent A: Acid-Fast Stain Solution A	50mL	100mL	250mL	RT
Reagent B: Acid-Fast Stain Solution B	50mL	100mL	250mL	RT
Reagent C: Acid-Fast Stain Solution C	50mL	100mL	250mL	RT, avoid light

Introduction

Acid Fast Stain is for the demonstration of Mycobacterium tuberculosis in tissue sections and smears. It is often used for preliminary identification of Mycobacterium. Compared with ordinary bacteria, the cell wall of Mycobacterium contains more lipid, so it is difficult to dye and must be heated to be stained by Carbol-Fuchsin Solution. Mycobacterium can resist the decolorization of acid decolorizing solution such as hydrochloric acid alcohol, while other bacteria and cells are decolorized. After re-dyeing with basic methylene blue, the Mycobacterium is still red, and other bacteria and background are blue.

Protocol(*for reference only*)

1. Perform a bacterial smear.
2. Drop Acid-Fast Stain Solution A on the smear and cover the sample. Heat the smear on the alcohol lamp, do not boil, remove it in case of steam, and add dye if necessary to avoid drying up. Heat for 3-5 min.
3. Move away fire and stand for 5 min,then wash in tap water.
4. Differentiate in Acid-Fast Stain Solution B until no color runs off the smear.
5. Wash in running tap water for 3-5 min. Re-dyeing with Acid-Fast Stain Solution C for 30s.
6. Rinse in tap water and air dry.
7. View the smear under oil immersion lens.

Result

Acid-Fast Bacilli	Red
Non-Acid-Fast Bacilli	Blue
Background	Blue

Note

1. The dyeing degree can be adjusted by changing the dyeing time or temperature.
2. After each reagent is used up, please cover it quickly to avoid volatilization.
3. This product has certain irritancy and corrosiveness. Please wear experimental clothes and disposable gloves when using.