

# DNA电泳上样缓冲液 10X

## DNA Loading Buffer 10X

Do not eat

Store at +2 to +8° C

Cat.No.MG0900

Size : 5×1.0mL

Technical literature is available at: [www.mesgenbio.com](http://www.mesgenbio.com).  
E-mail MesGen Technical Services if you have questions on use of this system: [tech@mesgenbio.com](mailto:tech@mesgenbio.com)

### 产品简介

本试剂产品是10×浓缩的DNA上样缓冲液，用于DNA凝胶电泳，能促使DNA样品沉入凝胶加样孔中。其主要成份为甘油，EDTA，溴酚蓝和二甲苯青等。溴酚蓝和二甲苯青是作为核酸电泳时的指示剂，可指示核酸的凝胶电泳进程。

### 使用说明

- 1、请按每9微升DNA样品加入1微升10×DNA Loading Buffer上的比例(10×稀释)来使用。
- 2、混匀后，直接加到DNA凝胶加样孔中，电泳。

### 注意事项

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。

### 保存条件

常温运输，2-8°C保存，有效期24个月。

### Introduction

MesGen 10X DNA Loading Buffer is used to prepare DNA markers and samples for loading on agarose gels. It contains two different dyes (bromophenol blue and xylene cyanol FF) for visual tracking of DNA migration during electrophoresis. The presence of glycerol ensures that the DNA in the ladder and sample forms a layer at the bottom of the well. The EDTA included in the solution binds divalent metal ions and inhibits metal-dependent nucleases.

### Highlights

- Two-color tracking of DNA migration during DNA electrophoresis.
- No DNA masking during gel exposure to UV light.
- The EDTA binds divalent metal ions and inhibits metal dependent nucleases.

### Label or Dye

Bromophenol Blue, Xylene Cyanol FF (XCFF)

### Storage condition

2-8°C

**For Research Use Only. Not For Use In Diagnostic Procedures.**

