

DL8000 Ladder

产品组成

产品名称	规格	Cat. No.
DL8000 Ladder	250 μ l	MD1015
DL8000 Ladder	1.25 ml	MD1115

产品储存与有效期

产品可在室温(0-30 $^{\circ}$ C)储存,有效期3年。如果长期不用,为防止水分蒸发请于-20 $^{\circ}$ C储存,可延长有效期。

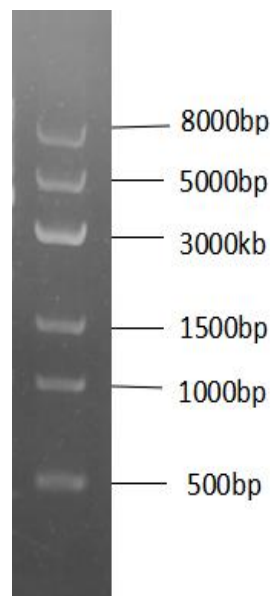
技术支持

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产品介绍

DL8000 Ladder 由6种长度在500 bp至8000 bp的DNA片段组成,溶解于1 \times Loading Buffer中,使用时可取5-10 μ l直接电泳,使用非常方便。

特别添加的红色和黄色两种电泳指示染料,不会削弱DNA在紫外线下的显色效果,较常用的电泳指示染料(溴酚蓝、二甲苯青等)具有更佳的使用效果。



注意事项

1. 电泳时的加样孔宽度小于5 mm时,每次取5 μ l DNA Ladder 电泳便可得到清晰条带。如果加样孔增宽,须适当增加DNA Ladder的加样量。
2. 对DNA电泳而言,Agarose的纯度对DNA条带的清晰度影响很大。因此,电泳时应尽量选用质量好的Agarose,推荐使用胶浓度为1%。
3. 进行Agarose电泳时,Agarose的浓度与DNA片段的分离性能关系密切。Agarose浓度越大,对短片段DNA分离性能越好;反之,Agarose浓度越小,越有利于长片段DNA的分离。

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PRODUCT FORMATION

Components	Specification	Cat. No.
DL8000 Ladder	250 μ l	MD1015
DL8000 Ladder	1.25 ml	MD1115

STORAGE

The product can be stored at room temperature (0-30 °C) for 3 years. If it is not used for a long time, please store it at - 20 °C to prevent moisture evaporation, and the validity period can be extended.

TECHNICAL SUPPORT

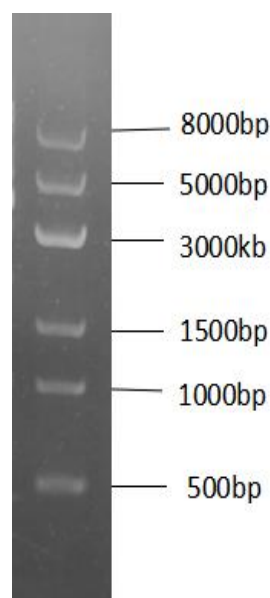
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INTRODUCTION

DL8000 Ladder is composed of 6 individual DNA fragments, presenting 8k, 5k, 3k, 1.5k, 1k, 500 bp sharp bands respectively. DL8000 Ladder contains 1 \times Loading Buffer, users can apply 5 - 10 μ l in agarose gel electrophoresis directly.

The red and yellow tracking dye in DL8000 Ladder will not weakened the DNA bands under UV light, better than bromophenol blue and xylene cyanol FF.



PRECAUTION

1. Clear bands can be obtained by applying 5 μ l DNA Ladder when the lane width is less than 5 mm. If the lane is wider, loading volume of DNA Ladder should be increased appropriately.
2. For DNA electrophoresis, agarose purity is of great significance to DNA band definition. Therefore, agarose with good quality should be used and gel concentration of 1% is recommended.
3. During agarose electrophoresis, the concentration of agarose is closely associated with the separation of DNA fragments. High agarose concentration is ideal for the separation of the short DNA fragments. While low agarose concentration is ideal to separate the long DNA fragments.