HB2151 菌株

菌株名称：E. coli HB2151
平台编号：bio-108787
规格：2ml 甘油管
状态：20%甘油保存
性质参数：K12 (lac-pro), ara, nalr, thi/F'[proAB, lacIq, lacZ M15].
建议：

1. 菌株保存在 20%甘油的培养基中，接到菌株后，请挑取菌液在 2x YT-N 平板（2xYT medium containing 100 μg/ml nalidixic acid）上划线，37℃过夜培养后，再次挑取单个菌落在 Minimal Medium 平板上划线，37℃过夜培养后即可使用，以便使纤毛充分表达，利于噬菌体感染；

2. 在 Minimal Medium 平板上生长的细菌，不宜在冰箱中放置过久再使用；

3. Minimal Medium plate 配制方法：Prepare stocks of the following:

1 M MgCl2•6H2O: Dissolve 20.33 g in distilled water to a final volume of 100 ml and autoclave.

1 M CaCl2•2H2O: Dissolve 14.7 g in distilled water to a final volume of 100 ml and autoclave.

1 M thiamine hydrochloride: Dissolve 33.73 g in distilled water to a final volume of 100 ml and sterilize using a 0.22 μm filter.

20% glucose: Dissolve 20 g of D-(+)-glucose (anhydrous) in distilled water to a final volume of 100 ml and sterilize by filtration through a 0.2 μm filter. Do not autoclave.

In a 500 ml bottle, dissolve 6 g of Na2HPO4 (dibasic), 3 g of KH2PO4(monobasic) and 1 g of NH4Cl in distilled water to a final volume of 500 ml. adjust the pH to 7.4 with NaOH.

In a separate 1 liter bottle, add distilled water to 15 g of Bacto-agar to a final Volume of 500 ml. Autoclave both bottles simultaneously to sterilize. Cool both bottles to 50-60°C and combine. Add1 ml of 1 M MgCl2•6H2O, 1 ml of 1 M CaCl2•2H2O, 1 ml of 1 M thiamine hydrochloride and 5 ml of 20% glucose. Pour plates immediately.