

# Lb solid medium containing kanamycin

Antibiotic overuse has contributed to the emergence of multidrug-resistant (MDR) bacteria, posing a serious public health threat. Pets may act as reservoirs of MDR bacteria, with the potential to ...

The recovered electroporated *R. jostii* RHA1 cells were directly plated on kanamycin containing (50 mg/L) LB agar plates and were incubated at 30°C. The *R. jostii* RHA1 transformed mutant ...

The heat shock method was used to transfer the target gene fragment into *E. coli* DH5a, and strains were screened using LB medium containing the appropriate kanamycin concentration ...

All *E. coli* strains were cultured in Luria-Bertani (LB) liquid medium or on solid medium with 1.5% agar at 37°C. Depending on the plasmid, 50 µg/mL kanamycin (Km) and 35 µg/mL ...

The transformed cells were cultured overnight in 30 ml of LB medium containing kanamycin (50 mg/ml) at 37°C with shaking at 220 rpm. The following day, the culture was transferred to 1.5 ...

The *A. rhizogenes* positive colonies were transferred to LB liquid medium containing 50 mg/L rifampicin and kanamycin by shaking at 28°C for approximately 10 h. The bacterial liquid was centrifuged for 8 min at 7000 g ...

This recombinant plasmid was transformed into *Escherichia coli* BL21 (DE3) cells, which were then induced with isopropyl β-D-1-thiogalactopyranoside (IPTG) at 16°C for a duration of 10 ...

The identified positive colonies were inoculated into LB liquid medium containing the corresponding antibiotics and pre-cultured at 37°C in a shaking incubator at 200 rpm for 8-12 ...

For plasmid construction and selection, *Escherichia coli* Tran1-T1 was cultured at 37°C in Luria-Bertani (LB) medium supplemented with kanamycin (50 mg/L) or ampicillin (100 mg/L) ...

Mutations identified in six independent spontaneous mutants resistant to cilnidipine, isolated after growth on solid medium containing 25 µM cilnidipine. The locations of the *bepE* frameshift ...

*Escherichia coli* stains were cultured in LB liquid or solid medium containing the appropriate antibiotics unless otherwise specified. The following antibiotics were used for the selective ...

Thereafter, the engineered strain KT2440Gal was adapted on minimal medium containing lactose as an only carbon source. Three lactose-utilizing mutants were further characterized for their ...

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