
X-Gal/IPTG Spray for 100 plates

Cat. No.: 39802

PRODUCT DESCRIPTION

X-Gal-IPTG spray is a convenient ready-to-use solution of optimal quantities of IPTG, X-Gal and stabilizers presented in a spray bottle for easy, accurate and consistent screening of Blue/White colonies.

Application:

Colony screening of blue and white colonies in expression studies

Protocol:

X-Gal-IPTG spray is a ready-to-use solution that can be directly sprayed on agar plates containing appropriate antibiotics. Keep a distance of about a few cm between spray bottle and plates while spraying solution on agar plates. Spray the solution 3 - 4 times (approx. 200 µl) on each agar plate, which is equivalent to about 1.3 mg of each of X-Gal and IPTG per plate.

Note: Use hood, safety glasses and gloves while using spray solution.

Let plates dry after spraying. Spreader is not necessary, but if plates are too dry and adsorb the solution quickly, it may be necessary to use spreader. Dry the plate by keeping it opened in a hood after spraying. No solution should be visible once plates are dried. If plates are freshly made, it may take about 15 min to dry the plates. Otherwise it may less than 5 min. After spraying, agar plates could be stored at 4 °C for later use.

Storage: at +2 °C to +8 °C

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