



PHENIX

RESEARCH PRODUCTS

X-Gal-IPTG Spray

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 white & blue colonies.

- **Easy, accurate and convenient.**
- **Sprays deliver optimal concentration and volume consistently for consistent and accurate results.**
- **No need to weigh X-Gal and IPTG and mixing them in special solutions saving time and cost.**
- **Proprietary mixtures of stabilizers ensure the IPTG and X-Gal are not degrading and turn yellow for 6 months when stored under recommended conditions.**

Applications

- **Colony screening of blue and white colonies in expression studies.**

Storage: 4 °C.

Shipped at ambient.

Stability: 6 months

Protocol

X-Gal-IPTG spray is a ready to use solution that can be directly sprayed on agar plates containing appropriate antibiotics.

Spray solution is provided in a brown bottle and it is enough for approximately 100 plates (100 mm size).

Keep a distance of about few inches (between spray bottle and plates) while spraying solution on agar plates. Spray the solution 3-4 times (~200 micro liter) 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 the plates dry after spray. Spreader is not necessary, but if plates are too dry and absorb the solution quickly, it may be necessary to use a spreader.

Dry the plate by keeping it opened in a hood after spray. No visible solution should be visible once plates are dried. If plates are freshly made, it may take about 15 minutes to dry the plates. Otherwise, it may take less than 5 minutes. After spraying, agar plates could be stored at 4 °C for later use.

Ordering Information		
Cat No.	Product Description	Qty
XGIP-20	X-Gal/IPTG Spray	20ml