

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 Blue/White 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 mixture is stable 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 when stored at 4 °C.

Protocol

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

Spray solution in provided 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 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 the plates dry after spray. Spreader is not necessary, but if plate are too dry and absorbs the solution quickly, it may be necessary to use 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 less than 5 minutes. After spraying, agar plates could be stored at 4 °C for later use.

Ordering Information

Part#	Product Description	Qty
REG-XGIP-L-1	X-Gal/IPTG Spray	20ml
REG-XGIP-L-10	X-Gal/IPTG Spray	10X20ml