

# Product Specifications



SCIENTIFIC

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An ISO 9001 Certified Company

## IPTG/X-GAL SOLUTION 8mg/ml

*Product Number*

IB02150

*Size*

20ml

CAS NO.

CAS#

N/A

### PHYSICAL SPECIFICATIONS

Appearance \_\_\_\_\_ Clear, colorless to yellow solution

Does not contain toxic DMF and DMSO.

### RECOMMENDED USE

IBI's IPTG/X-GAL Solution is a ready-to-use product packaged in an easy-to-use spray bottle. For use in selection of cloning construct in LACZ expression in the presence of lacI repressor. The concentration of this solution is 8mg/ml of IPTG and X-GAL. Each pump of the the easy-to-use spray bottle produces approximately 0.20ml of solution. This volume of solution per/actuation should be used to determine your required volume per plate. Spread solution evenly and pause to ensure absorption, waiting approximately 5 to 10 minutes.

### STORAGE

Store at +4C. Keep tightly sealed.

### WARNING

**Classification:** Toxic to Reproduction - 1B  
Flammable Liquid - 4  
Skin Irritant - 2  
Eye Irritant - 2

**Hazard Statements:** H227-Combustible liquid • H360-May damage fertility of the unborn child • H319-Causes serious eye irritation • H335-May cause respiratory irritation

**Precautionary Statements:** P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking • P261-Avoid breathing dust/fume/gas/mist/vapors/spray • P280-Wear protective gloves/protective clothing/eye protection/face protection • P302+P352-IF ON SKIN: Wash with plenty of water • P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do so. Continue rinsing



**DANGER!**

**FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY**

Building Quality Scientific.

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