

## IPTG and X-gal Solution

### ● 100mmol/l-Isopropyl-β-D-thiogalactopyranoside [IPTG] Solution

Isopropyl-β-D-thiogalactopyranoside (IPTG) solution is widely used for induced expression. It is also used in conjunction with X-Gal to determine *E. coli* recombinants in blue/white colony screening and induced expression of recombinant proteins in *E. coli* expression system.

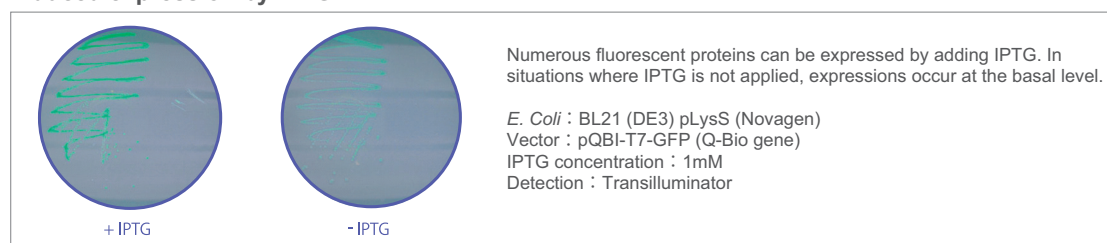


- » 0.22 μm filtrated ready-to-use solution
- » Steriled
- » No need to adjust concentration
- » 1 ml package size allows for easy application

#### Application

Recombinant protein expressions are evaluated by the green fluorescent protein (GFP) expressing the vector *E. coli*.

#### Induced expression by IPTG



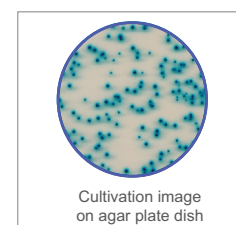
#### Ordering Information

Product Name	Storage	Product No.	PKG Size
100mmol/l-Isopropyl-β-D-thiogalactopyranoside [IPTG] Solution	F	07496-91	10 x 1 ml

### ● 5-Bromo-4-chloro-3-indolyl-β-D-galactoside Solution (20 mg/ml)

5-Bromo-4-chloro-3-indolyl-β-D-galactoside (X-Gal) is widely used for Blue/White selection.

- » Ready to use DMF solution
- » 1 ml package size allows for easy application



#### Ordering Information

Product Name	Storage	Product No.	PKG Size
5-Bromo-4-chloro-3-indolyl-β-D-galactoside Solution(20mg/ml)	F	03971-71	10 x 1 ml

#### Related Products

Product Name	Storage	Product No.	PKG Size
Isopropyl-β-D-thiogalactopyranoside [IPTG], Dioxane free	R	19742-36	100 mg
		19742-81	1 g
		19742-94	10 g
5-Bromo-4-chloro-3-indolyl-α-D-galactoside [X-α-Gal]	R	02897-62	25 mg
		02897-04	100 mg
5-Bromo-4-chloro-3-indolyl-β-D-galactoside [X-Gal]	R	05627-86	10 mg
		05627-57	100 mg
		05627-31	1 g
		05627-44	5 g
		05644-14	5 x 20 mg
5-Bromo-4-chloro-3-indolyl-β-D-glucuronide Cyclohexylammonium Salt	F	05646-94	10 mg
		05646-36	100 mg

[Storage] R = Refrigerator, F = Freezer