



[Request Demo](#)

eStain® L1

Protein Staining Device

• Time-Saving

• Cost-effective

eStain® L1 is a highly efficient system for fast Coomassie Brilliant Blue dye staining and destaining of mini PAGE gels, which **uses a patented protein staining technology developed by GenScript**. By integrating the traditional three staining steps of fixing-staining-destaining into one, the staining process is fast and efficient, and the results are repeatable and reliable.



Efficient
Clean
Convenient



Revolutionary
Electrophoretic
Staining
Technology



Staining and
destaining in
10 mins



Staining Reagents
pumped
automatically

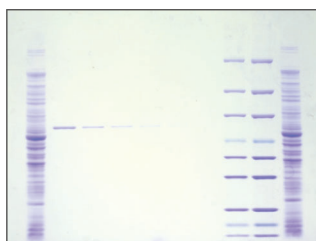


Compatible
with all types
mini PAGE gels

Fast and Efficient

	eStain® L1	Thermo's Stain Reagent	Bio-Rad's Stain Reagent	Traditional Staining
Wash or Rinse Step	0 min	Rinse 15 min	Wash 15 min	Wash 15 min
Stain Step	Electrophoretic Staining <10 min	Stain 1-3 hr	Stain 1 hr	Stain 15 min-1 hr
Destain or Rinse Step	0 min	Wash 1-3 hr	Rinse 30 min	Destain 1-2 hr
Time saved with eStain® L1		2 hr, 15 min-6 hr, 15 min	1 hr, 45 min	1 hr, 30 min - 3 hr, 15 min

• Higher Sensitivity



Gel: ExpressPlus™ PAGE Gel, 10×8, 4-12%, 10 wells (Cat.No. M41210)

Program: stain

Time: 9 min 30 s

Sample: PAGE-MASTER Protein Standard Plus, 5 µl (GenScript, MM1397-500)

1. *E.coli* cell lysate

2. PAGE-MASTER Protein Standard Plus, 5 µl (GenScript, MM1397-500)

3. PAGE-MASTER Protein Standard Plus, 2.5 µl (GenScript, MM1397-500)

4. BSA 200 ng

5. BSA 100 ng

6. BSA 50 ng

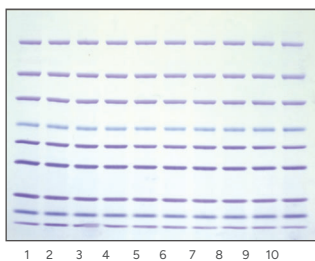
7. BSA 25 ng

8. BSA 12.5 ng

9. BSA 6.25 ng

10. *E.coli* cell lysate

• Higher Reproducibility



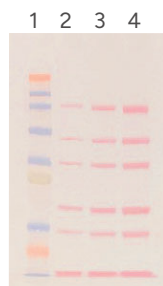
Gel: ExpressPlus™ PAGE Gel, 4-12%, 10 wells (GenScript M41210)

Samples: PAGE-MASTER Protein Standard Plus, 5 µl (GenScript, MM1397-500)

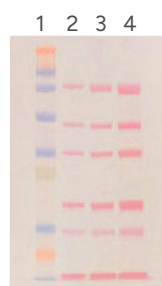
Program: Stain

Staining solution: Coomassie Blue (eStain L1C Staining Kit L00753)

Time: 9 min 30 s



Manual Ponceau Staining



eStain Ponceau Staining

Gel: SurePAGE™ Gel, Bis-Tris, 4-12% (GenScript, M00653)

Membrane: GenScript PVDF membranes

Samples: Pre-stained protein standard (GenScript, M006245); unstained PAGE-Master protein standard (GenScript, M00516)

eStain Program: Stain

Staining Solution: Ponceau S solution, 0.02% Ponceau (w/v) in 1% acetic acid (v/v) in ddH₂O

Time: 9 min 30 s

Ordering Information

Component	Size	Quantity	Cat.No.
eStain L1 Protein Staining System	1 Unit	1	L00657
eStain L1C Protein Staining Kit	1 kit	1	L00753
• eStain L1 Concentrated Staining Solution, 2.5X	2 L	1	
• eStain L1 Concentrated Destaining Solution, 5X	2 L	1	
• eStain L1 Filter Paper	50 pk	1	