

# eStain™ L1

## Protein Staining Device



Efficient Clean  
Convenient



Revolutionary  
Electrophoretic  
Staining Technology



Staining in less  
than 10  
minutes



Staining reagents  
pumped  
automatically



Compatible with  
all types  
mini PAGE gels

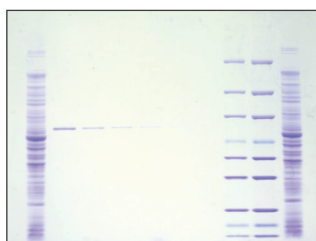
eStain™ L1 is a highly efficient system for fast Coomassie Brilliant Blue dye staining and destaining of mini PAGE gels, which uses a patented protein staining technology developed by GenScript. By integrating the traditional three staining steps of fixing-staining-destaining into one, the staining process is fast and efficient, and the results are repeatable and reliable. The whole staining process can be finished in 10 minutes or even less. No need for other reagents and all the staining and destaining buffers are provided within the eStain L1C protein staining kit.

Save time and money with eStain™ L1 Protein Staining Device and try a **FREE DEMO** today!

## Fast and Efficient

|                            | eStain™ L1                       | Competitor A's StainReagent | Competitor B's StainReagent | 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)

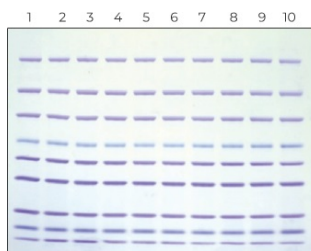
**Program:** stain

**Time:** 9 min 30 s

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

|                                                                      |                |
|----------------------------------------------------------------------|----------------|
| 1. <i>E.coli</i> 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. <i>E.coli</i> cell lysate                                        |                |

### • Higher Reproducibility



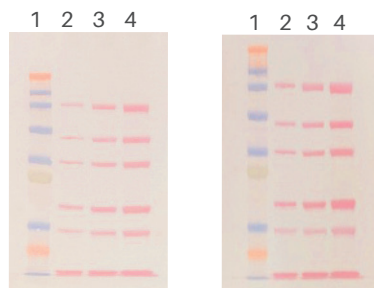
**Gel:** ExpressPlus™ PAGE Gel, 4-12%, 10 wells (GenScript M41210)

**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 ddH<sub>2</sub>O

**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        |         |