

## **Usage Instruction for Dyehard Rapid 5-Min Solution**

Crystalgen's Dyehard 5-min staining solution is a new improved Coomassie Brilliant Blue Staining of proteins in polyacrylamide gels including isoelectric focusing gels with water clear background at high sensitivity. The new formula takes advantage of making Coomassie Brilliant molecules in a polymer form so that a short staining time and higher sensitivity are obtained as well as clear background.

### **Features:**

1. Simple of use: Only one step of staining.
2. Fast: only 5 minutes
3. Background: Clear water background
4. Sensitivity: 10ng/band.

### **Protocol:**

1. Place the gel in the clean tray or container post the gel electrophoresis.
2. Add 100ml (if the gel is a mini-gel) of the staining solution to the container with the gel.
3. Cover the container with a lid and place it on the shaker and shake the container at 50-100rpm. Bands will be visible in 5 min.
4. Rinse the gel with deionized water, two changes of water. The gel will have

A clear background and ready for photograph. Note: the gel can be left in water for a few days without change in band intensity and background clarity.

### **Order information:**

Cat# 300-692-500R Rapid 5-min staining solution, 500ml, \$48.0

Cat# 300-692-1000R Rapid 5-min staining solution, 1L, \$94.0

## **Usage Instruction for Dyehard 2-hour Solution**

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Crystalgen's Dyehard 2-hour staining solution is a new improved Coomassie Brilliant Blue Staining of proteins in polyacrylamide gels including isoelectric focusing gels with water clear background at high sensitivity. The new formula takes advantage of making Coomassie Brilliant molecules in a polymer form so that a short staining time and higher sensitivity are obtained as well as clear background.

### **Features:**

1. Simple of use: Only one step of staining.
2. Fast: only 2-hour.
3. Background: Clear water background
4. Sensitivity: 3 ng/band.

### **Protocol:**

1. Place the gel in the clean tray or container post the gel electrophoresis.
2. Add 100ml (if the gel is a mini-gel) of the staining solution to the container with the gel.
3. Cover the container with a lid and place it on the shaker and shake the container at 50-100rpm. Bands will be visible in 30-min.
4. Rinse the gel with deionized water, two changes of water. The gel will have

A clear background and ready for photograph. Note: the gel can be left in water for a few days without change in band intensity and background clarity.

### **Order information:**

Cat# 300-692-500 Rapid 5-min staining solution, 500ml, \$48.0

Cat# 300-692-1000 Rapid 5-min staining solution, 1L, \$94.0