

# Ultra-Blue Fast PAGE Gel Staining Solution

## PRODUCT DESCRIPTION

MP Biomedicals Ultra-Blue Fast SDS-PAGE Gel Staining Solution is a ready-to-use protein staining solution for SDS-PAGE gels. The staining efficiency with this solution is innovatively enhanced by the proprietary nanotechnology. Its next generation formula offers a faster protein detection, higher sensitivity and no need for destaining. Furthermore, the washing steps can be omitted. In the absence of hazardous substances, such as methanol and acetic acid, this gel staining solution is considered to be safe and environmentally friendly. The product is also compatible with mass spectrophotometry.

## PRODUCT INFORMATION

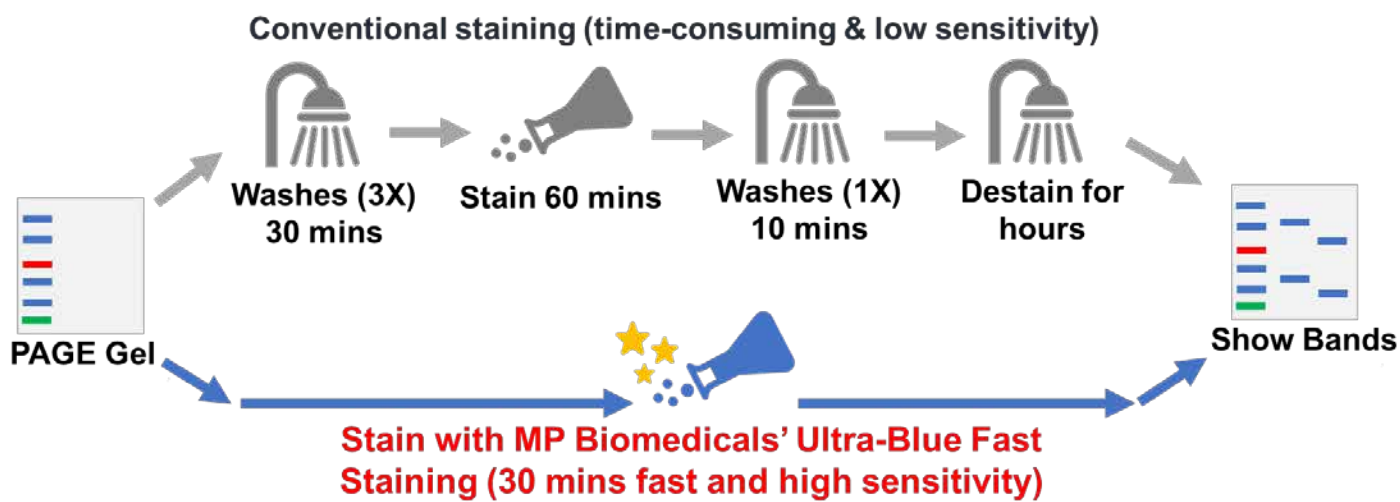
**FORMAT:** Ready-to-use liquid format

**STORAGE CONDITIONS:**

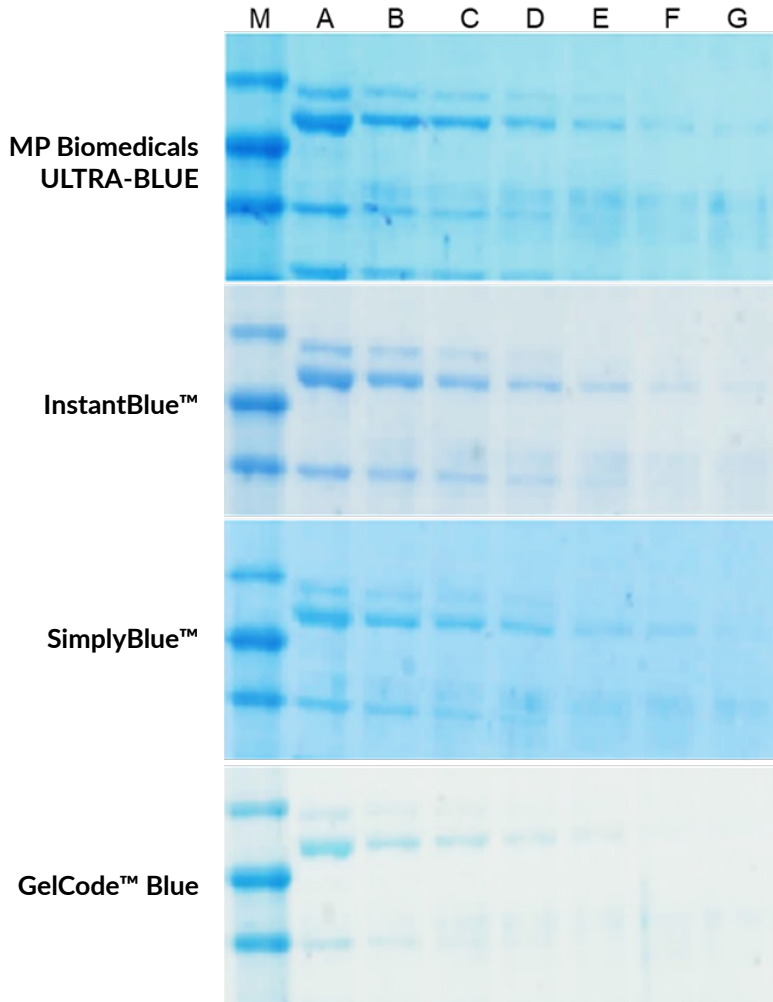
Stable for up to 36 months at room temperature.

## ADVANTAGES

- ▶ Clear background
- ▶ No overstaining issue
- ▶ Fast staining
- ▶ Non-hazardous
- ▶ No need for destaining
- ▶ No need to microwave or heat
- ▶ No washing step needed



## PERFORMANCE



M: pre-stained protein ladder; Lane A-G: unstained ladder (1:2 dilution). Gels were stained for 30 minutes in parallel.

## REQUIRED MATERIALS (NOT PROVIDED)

- Container: box for gel staining
- Shaker: orbital or rocking shaker

## IMPORTANT NOTES

- There is no risk of excessive staining. Instead, superior visibility per band is achieved when the gels are submerged overnight.
- Vigorously shake the bottle several times before use.
- If the gel is thicker than 1 mm, it may take longer to incubate.
- The dye solution may contain blue clumps. This is normal and easily dissolved in distilled water.

## PROTOCOL

- 1 Vigorously shake the bottle several times before use.
- 2 After SDS-PAGE has finished, remove the gel from the cassette and submerge it in a proper amount of gel staining solution, enough to cover the gel. Lightly agitate the staining box for 30 minutes at room temperature.
- 3 As there is no need for washing or destaining, carefully remove the dye solution and rinse the excess dye in the gel with water.
- 4 Image the gel.



### MP BIOMEDICALS

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