

---

## Product Specification

---

Product:	Blitz Coomassie Blue Protein Staining Solution
Product Code:	BEW00100

---

### Description

Blitz Coomassie Blue, enhanced by nano-technology, is a ready-to-use protein staining solution for SDS-PAGE gels. Its next generation formula offers a faster protein detection, higher sensitivity and there is no need for destaining or washing. Blitz Coomassie Blue is considered to be safe and environmentally friendly in the absence of hazardous substances such as methanol and acetic acid. In addition, Blitz Coomassie Blue is compatible with mass spectrophotometry.

### Storage

Stable for up to 24 months at 18 - 25°C.

---

### Kit Content(s)

---

Protein staining solution	500ml x 1
---------------------------	-----------

---

### Required materials but not provided

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

### Reaction Setup

1. Carefully shift the Blitz Coomassie Blue up and down few times before use.
2. After SDS-PAGE has finished, remove the gel from the cassette and submerge it in an ample amount of Blitz Coomassie Blue dye to cover the gel. Lightly agitate the staining box for 10 to 30 minutes at room temperature.
3. As there is no need for washing or destaining, please continue to carefully remove the dye solution and rinse the excess dye in the gel with water.
4. Image the gel.

### Important notes

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