

PRODUCT INFORMATION

Product Name: QuickBlue Staining Solution
Code No: DS500
Size: 500 ml
Storage: 4 °C

This product is research use only

QuickBlue Staining Solution stains proteins in polyacrylamide gel after SDS gel electrophoresis (detection limit ≥ 8 ng of protein). All processes including washing and destaining can be performed in 1.5 hr. After staining of gel (20 min), proteins can be seen before destaining. Overnight staining and overnight destaining is allowable.

Protocol:

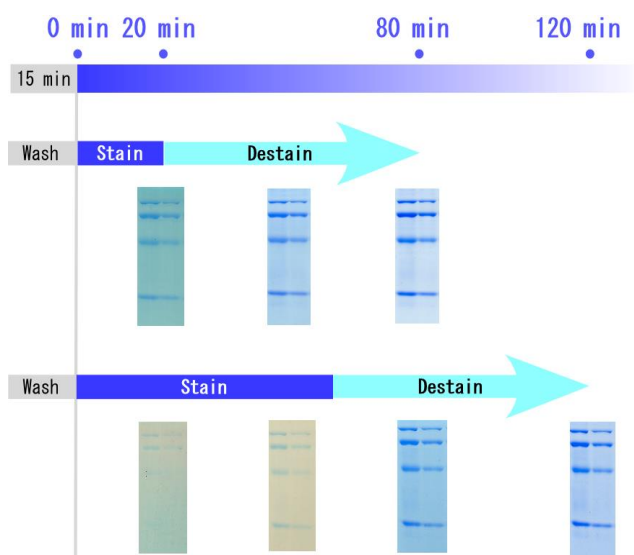
1. Put acrylamide gel after SDS-PAGE into a tray containing 100-200 ml of deionized distilled water and wash three times for every 5 minute with gentle agitation.
2. Discard water and add 25 ml of QuickBlue Staining Solution to one piece of mini gel (8 x 10 cm, 1 mm thick). Stain the gel for 20 min with gentle agitation.
3. Discard QuickBlue Staining Solution and rinse the gel with deionized water. Destain the gel with 100-200 ml of deionized water over 1 hr with gentle agitation. Change deionized water to fresh one when the water in the tray turn to be blue.

Note:

1. QuickBlue Staining Solution can't be re-used.
2. Since QuickBlue Staining Solution dyes the skin, please wear gloves.
3. When gel size or tray size is large, use suitable amount of QuickBlue Staining Solution so that the gel can be immersed completely in the solution.
4. Destaining time depends on staining time (Below table is the time for mini gel: 8 x 10 cm, 1 mm thick).

Wash	Stain	Destain
5min x 3	20 min	Over 1 hr
5min x 3	1 hr	Over 1.5 hr
5min x 3	Overnight	Over 2-3 hr

5. Destain for at least 1 hr, otherwise the stained band fades out in about one week.
6. The gel can be destained overnight without decolorizing of proteins.
7. The stained gel is stable in deionized water for a few days (4 °C).
8. QuickBlue Staining Solution contains *Coomassie®-G250.



Related Products	
DS520	AllView PAGE Buffer Change the electrophoresis buffer to this product, and get wide separation like gradient gel and 13 minutes high speed electrophoresis
DM660	DynaMarker® Protein MultiColor Stable II Pre-stained protein molecular weight marker Possible to store at 4 °C

*Coomassie® is T.M. of Imperial Chemical Industries, PLC.