Fast Blast DNA Stain (500x)

Bio Rad

Catalog# 166-0420EDU

Place gel to be stained in a small container. Add approximately 50mls of 100x Fast Blast Stain, dilute 500x stain with deionized water. Wait 2-3 minutes, but not more than three minutes. 100x stain may be saved and reused at least seven times, store at room temperature.

Rinse gel in a large container with 500 -700 mls of clean warm tap water (40 -55 degrees Celsius). Gently rock for approx. 10 seconds to rinse.

Pour out rinse and rinse again with 500 -700 mls of warm tap water for 5 minutes. Move gel gently every minute.

Repeat above with fresh, clean tap water for another 5 minutes.

Check the gel on a light box. The bands may be fuzzy after the second wash but will begin to develop into sharper bands within 5 – 15 minutes after the second wash. Additional washes may be done if needed.

Overnight staining in 1x Fast Blast DNA Stain

Place gel to be stained in a small container. Cover completely with 1x stain.

Place on a rocking platform and agitate overnight. If no rocking platform is available, agitate the gel a few times during the staining period. Bands may be visible in 2 hours but at least 8 hours of staining is recommended.

No destaining is required after staining with 1x stain. The gel can be analyzed immediately after staining.