BIOCODE

Cat. No. BCS-PR40001

BCodePro™ 10× Fast Running Buffer

(1 L)

Application

Used for Tris-Glycine SDS-PAGE gel electrophoreis.

Storage

· Store at room temperature

The BCodePro™ 10× Fast Running Buffer is used in combination with traditional Tris-Glycine SDS-PAGE protein gels to achieve fast electrophoresis. Compared with traditional running buffers (Tris-Glycine Buffer), BCodePro™ 10× Fast Running Buffer significantly shortens electrophoresis times (twice as fast) and improves experiment efficiency. BCodePro™ 10× Fast Running Buffer can show gradient effects in single 8% gel, unlike traditional running buffers. Combine BCodePro™ 10× Fast Running Buffer with our BC-PAGE, Tris-Glycine PAGE gel to reduce the electrophoresis process.

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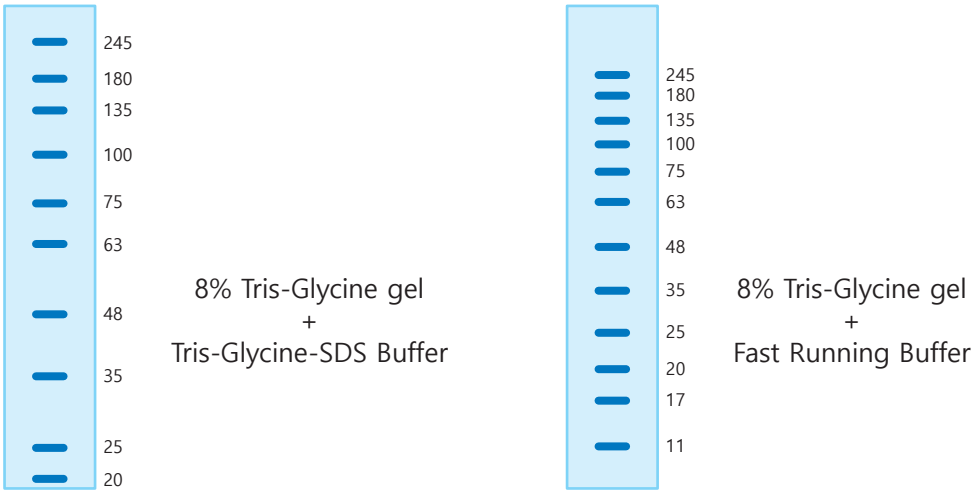
BCodePro™ 10× Fast Running Buffer

Product Features

- Rapid run time : about 40 min running time at 160 V
- Gradient effect : Separation performance like 4~20% gradient gel at 8% gels (wide range: 10~250 kDa)
- High-resolution band separation



Notes

- Dilute to 1× before use
- For your safety, please wear a lab coat and disposable gloves while performing experiments

Protocol

1. Sample preparation: To denature proteins, use Laemmli sample buffer and boil the mixture of protein and buffer at 100℃ for 5~10 min.
2. Gel preparation: Make the gel or choose the Precast Gel product with appropriate acrylamide concentration based on the molecular weight of the protein.
3. Dilute 10× Fast Running Buffer to 1×.
4. Assemble the gel cassette into the electrophoresis system. Add 1× Fast Running Buffer to the inner and outer chambers.
5. Sample loading: Allow the prepared protein samples to load into the wells of the gel.
6. Electrophoresis: Run the gel until the dye front reaches the reference line.
   Recommend running condition: 160 V, 40 min