

# ReliaBLOT<sup>®</sup> 4 – 20% SDS-PAGE Gels

## 10 X 8 cm, 12-well



**Catalog No.**  
WB102-42012G

- Description:** Bethyl Laboratories ReliaBLOT<sup>®</sup> 4 -20% SDS-PAGE (sodium dodecyl sulfate polyacrylamide gel electrophoresis) gels are ready-to-use gradient gels cast in plastic 10(W) X 8(H) cm cassettes. The gels are cast with 12 sample wells, and the gel matrix is 1mm in thickness.
- Amount:** 10 gels
- Application:** Bethyl Laboratories ReliaBLOT<sup>®</sup> 4 -20% SDS-PAGE gels are used to resolve proteins under denaturing conditions. For optimal results, The ReliaBLOT<sup>®</sup> Running Buffer and The ReliaBLOT<sup>®</sup> Transfer Buffer should be used for electrophoresis and transfer of proteins in ReliaBLOT<sup>®</sup> SDS-PAGE Gels. Subsequent to electrophoresis, the gels can be transferred for western blot analysis or the gel may be stained and dried.
- Preparation:** Remove the gel from the package, drain away the buffer, and rinse the gel and wells with distilled water. Place the gel on the buffer core and assemble the electrophoresis cell according to the manufacturer's directions. Prepare a 1X solution of ReliaBLOT<sup>®</sup> Running Buffer for the inner and outer chambers. Run the gel(s) at 150 V until the dye front reaches the bottom of the gel (approximately 60 minutes).
- Storage:** Store at 2 - 8°C.
- Stability:** Stable for 2 years from date of manufacturing.
- Expiration Date:** See gel cassette.
- Related Products:**
- |  |              |
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| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 4-8%, 10 x 10 cm           | WB101-40812G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 4-12%, 10 x 10 cm          | WB101-41212G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 12%, 10 x 10 cm            | WB101-01212G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 4-20%, 10 x 10 cm          | WB101-42012G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 4-8%, 10 x 8 cm            | WB102-40812G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 4-12%, 10 x 8 cm           | WB102-41212G |
| ReliaBLOT <sup>®</sup> SDS-PAGE Gels, 12%, 10 x 8 cm             | WB102-01212G |
| ReliaBLOT <sup>®</sup> Prestained Protein Marker                 | WB103-600    |
| ReliaBLOT <sup>®</sup> LDS Sample Buffer (4X)                    | WB104-10     |
| ReliaBLOT <sup>®</sup> Running Buffer (20X)                      | WB105-500    |
| ReliaBLOT <sup>®</sup> Transfer Buffer (10X)                     | WB106-500    |
| ReliaBLOT <sup>®</sup> Nitrocellulose Membrane Filter Sandwiches | WB107-20     |
| ReliaBLOT <sup>®</sup> DTT Reducing Agent 10X                    | WB108        |
| ReliaBLOT <sup>®</sup> Chemiluminescent HRP Substrate            | WB110        |
| ReliaBLOT <sup>®</sup> IP/Western Blot Reagents                  | WB120        |
| Goat anti-Rabbit IgG-h+I HRP                                     | A120-101P    |
| Goat anti-Mouse IgG-h+I HRP                                      | A90-116P     |

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**MATERIAL SAFETY DATA SHEET**

**Contents Description**

This product contains 3-20% Polyacrylamide, 1-5% Triethanolamine-hydrochloride, 0.01 to 0.2% SDS, <0.02% Acrylamide, and <0.002% N,N'-methylene bisacrylamide.

**Hazardous Ingredients**

Polyacrylamide may be harmful if inhaled. May Cause respiratory tract irritation. May be harmful if absorbed through the skin and may cause respiratory tract, skin, and eye irritation. May be harmful if swallowed. Potential cancer hazard. Wash thoroughly after handling; avoid contact with eyes, skin, clothing. Avoid ingestion.

Triethanolamine-hydrochloride has target organ effects and may be harmful if inhaled, absorbed through the skin, or swallowed. May cause respiratory tract, skin, and eye irritation.

**Disposal Guidelines**

Observe all Federal, State and Local laws concerning health and pollution.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.