

8015171/8015172

## Instant HEPES Buffer

|                |              |              |
|----------------|--------------|--------------|
| <b>Cat-No.</b> | 8015171      | 8015172      |
| <b>Size</b>    | 10 packs/box | 50 packs/box |

|                   |   |
|-------------------|---|
| <b>Form</b>       | Crystalline powder, white to off-white granules |
| <b>pH</b>         | 7.7±0.2 at 25°C                                 |
| <b>Storage</b>    | Store at RT, protect from direct light          |
| <b>Shelf life</b> | Powder: at least 36 months when stored at RT    |

### Product Description

Each pack of Instant HEPES Buffer produces 1 L of 1 × buffer (50 mM Tris, 50 mM HEPES and 2 mM EDTA, 0.1% SDS). Instant HEPES Buffer is commonly used for protein analysis and biochemistry applications.

### Preparation Notes

1. Add the entire contents of one pouch of Instant HEPES buffer into a glass beaker.
2. Add 500 ml of ultrapure water into the beaker and gently stir until completely dissolved.
3. Transfer the HEPES buffer solution into a measuring cylinder and add ultrapure water to 1 L final volume, yielding 1 × HEPES buffer, pH 7.7.
4. Transfer to a screw-cap glass bottle or similar container for storage. Store at RT.

