

## 10 x MOPS buffer instructions

**Item number:** M1010

**Specification:** 100mL/500mL

**Storage:** Store at room temperature for at least 12 months.

**Product Description:**

3-(N-morolinyl) propyl sulfonic acid for short MOPS, molecular formula C<sub>7</sub>H<sub>15</sub>NO<sub>4</sub>S, molecular weight 209.26, CAS number 1132-61-2. MOPS is a biological buffer and is often used to formulate RNA electrophoresis buffers. The MOPS electrophoretic buffer (10×, RNase free) produced by Solarbio is mainly composed of MOPS, sodium acetate, EDTA, and treated with RNase free, which is mainly used for RNA electrophoresis.

**Procedure (for reference only) :**

This product is a 10 x concentrate with a working concentration of 1 x and can be used directly after diluting it 10 times with RNase-free distilled water (DEPC treated water).

**Points to note:**

1. After opening the product, please pack it properly according to the use condition, and then store it at -20°C to avoid pollution and deterioration.
2. The buffer is light yellow, which can be used completely. It should not be used when the color is too deep and deep yellow or brown.
- 3, please use non-RNase solution, microcentrifuge tube and gun tip, etc., to prevent RNA degradation.
- 4, for your safety and health, please wear a lab coat and wear disposable gloves.

**Related products:**

*T1060 50×TAE buffer*

*R1600 DEPC treats water*

*R1050 5×RNA Loading Buffer(non-denatured)*

*R1100 TriQuick total RNA extraction reagent*

*SY1040 SYBR Green I(10000×)*

*SR0080 RNAsaver RNA long-acting preservation solution*

*SR0020 RNA wait(Non-Frozen Tissue RNA Preservation Solution)*