

# NorthernMax® 10X Running Buffer

Catalog Number AM8671

Pub. No. 4386615 Rev. B

Contents	Quantity	Storage conditions
NorthernMax® 10X Running Buffer	1 L	Store at 4°C

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Product description

The NorthernMax® 10X Gel Running Buffer is a MOPS-based buffer (containing sodium acetate and EDTA) for use as a running buffer in denaturing formaldehyde agarose gel systems. MOPS is a zwitterionic buffer that serves as an electrolyte that favorably reduces heat generation while allowing timely separation to occur.

**Appearance:** Clear solution.

## Guidelines for use

Dilute with nuclease-free water to 1X before use.

## Quality control

**Nonspecific endonuclease activity:** A sample is incubated with supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.

**Exonuclease activity:** A sample is incubated with labeled double-stranded DNA, followed by PAGE analysis.

**RNase activity:** A sample is incubated with labeled RNA and analyzed by PAGE.

**Functional testing:** NorthernMax® 10X Running Buffer is functionally tested using the Ambion® NorthernMax® Kit (Cat. no. AM1940).

## Limited product warranty

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