

## ReadiUse™ PCR Reaction Buffer

Catalog Number: 17202

Unit Size: 50 mL

### Product Details

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Storage Conditions	Refrigerated (2-8 °C), Minimize light exposure,
Expiration Date	12 months upon receiving

### Chemical Properties

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Appearance	Liquid
Molecular Weight	N/A
Soluble In	Water

### Spectral Properties

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Excitation Wavelength	N/A
Emission Wavelength	N/A

### Applications

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PCR (polymerase chain reaction) is a laboratory technique used to amplify DNA (deoxyribonucleic acid) segments. Our ready to use PCR buffer contains several components essential for the PCR reaction. The PCR reaction buffer helps to maintain a stable pH during the PCR reaction. It also contains a salt that helps to maintain the integrity of the DNA during the reaction and also enhances the activity of the DNA polymerase enzyme. MgCl<sub>2</sub> (magnesium chloride), a cofactor, is used for maintaining the activity of the DNA polymerase enzyme.