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GoTaq® Master Mixes



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All-in-One Optimized PCR Master Mix—Just Add Template, Primers and Water

- Directly substitute into your current PCR conditions
- Use the green master mix for direct-to-gel analysis after amplification

- Use the colorless master mix for post-amplification analysis by fluorescence or absorbance without prior DNA purification

Choose a master mix

Colorless

Green

Size

1,000 reactions

100 reactions

Catalog number selected: **M7122**

Please Enquire

Overview

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Set Up PCR in Less than a Minute with Convenient Master Mixes

GoTaq® DNA Polymerase is a proprietary formulation of *Taq* DNA polymerase that gives robust amplification equal to and, in some cases, superior to that of standard *Taq* DNA polymerase.

For ultimate in convenience, choose GoTaq® Colorless Master Mix or GoTaq® Green Master Mix and directly substitute in your current PCR application—no need to change cycling parameters.

Both Master Mixes are ready-to-use 2X solutions that contain GoTaq® DNA Polymerase, dNTPs, MgCl₂ and reaction buffer at optimal concentrations for efficient amplification of DNA templates by PCR. **GoTaq® Green Master Mix** also includes two dyes (blue and yellow) that allow monitoring of progress during electrophoresis. The blue dye comigrates at the same rate as 3–5kb DNA fragments in a 1% agarose gel. The yellow dye migrates ahead of primers (<50bp).

GoTaq® Colorless Master Mix has the same formulation as the GoTaq® Green Master Mix but does not include the dyes. Both also include Nuclease-Free Water. Reactions assembled with the GoTaq® Master Mixes have sufficient density for direct loading onto agarose gels.

Reactions can be set up in less than a minute; simply add your template, water and primers and go!

GoTaq® Green and Colorless Master Mix reaction size is based on a 50µl reaction volume.

Protocols

Complete Protocol

GoTaq® Green Master Mix (M712) Protocol

PDF (204 KB) – English

GoTaq® Colorless Master Mix (M713) Product Information

PDF (204 KB) – English

Specifications

You are viewing:

M7122

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What's in the box?

Item	Part #	Size	Available Separately
GoTaq® Green Master Mix, 2X	M712B	2 × 1,250µl	
Nuclease-Free Water	P119A	2 × 1,250µl	View Product

SDS

[Search for SDS](#)

Certificate of Analysis

Search by lot number

Use Restrictions

For Laboratory Use. Outside of the United States, this product is intended for research use only unless otherwise stated.

Storage Conditions