

# Rediload™

Catalog no. 750025  
Catalog no. 750026

*Rediload™*, 1 ml  
*Rediload™*, 10 ml

Enough for 100, 100 µl reactions  
Enough for 1,000, 100 µl reactions

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## Reagent Design

*Rediload™* allows direct loading of PCR reaction mixtures on agarose gels after amplification when added to DNA amplification reactions before cycling. *Rediload™* contains a PCR-compatible, density-increasing agent and a tracking dye that migrates at approximately 25 base pairs to monitor the progress of electrophoresis. In addition to making the analysis of amplification reactions easier, *Rediload™* can be used as a replacement for conventional agarose loading buffer.

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## Reagent Use

*Rediload™* is supplied at a 10X concentration, and it can be incorporated into standard PCR reaction mixtures. Replace one-tenth of the total volume with *Rediload™*. Here is an example of a 100 µl reaction.

2X PCR master mix	50 µl
<i>Rediload</i>	10 µl
Sterile water	20 µl
Forward primer	5 µl
Reverse primer	5 µl
<u>Template</u>	<u>10 µl</u>
Total volume	100 µl

Perform the reaction using an optimized thermal cycling program. Load 5-10 µl of the reaction mix directly on a gel for electrophoresis. Electrophorese until the tracking dye reaches the bottom of the gel. Stain the gel with ethidium bromide, and view the results under ultraviolet light.

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## Quality Control

Each *Rediload™* lot is tested and verified by amplifying the amyloid precursor protein in a PCR reaction that contains *RediLoad™*.

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## Storage

Store *Rediload™* at 4°C.

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The PCR process is covered by United States patents owned by Hoffman-LaRoche, Inc.

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This product is distributed for laboratory research use only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

For technical questions about this product, call the Invitrogen TECH-LINE<sup>SM</sup> 800 955 6288