

FIREPol® Master Mix Ready to Load

Ready to load PCR Master Mix for routine applications



95 /100

load directly to gel after PCR

suitable for templates up to 5 kb

reaction set-up and shipment without dry ice

all-in-one master mix format reduces pipetting errors and saves time

Ordering

Choose Product Size

1 ml | 250 rxn

5 x 1ml | 1250 rxn

10 x 1ml | 2500 rxn

0.1 ml | 25 rxn **free sample**

Properties

Concentration: 5x

Hot-start: no

Ready to load: yes

Fidelity: 1x Taq

Amplicon Size: up to 5 kb

REQUEST FOR BULK SIZE

Mix Components

FIREPol® DNA polymerase: highly processive, thermostable DNA polymerase

5x Reaction Buffer B: 0.4 M Tris-HCl, 0.1 M (NH₄)₂SO₄, 0.1% w/v Tween-20

7.5 mM MgCl₂: 1x PCR solution – 1.5 mM MgCl₂

1 mM dNTPs of each: 1x PCR solution – 200 µM dATP, 200 µM dCTP, 200 µM dGTP and 200 µM dTTP

Blue dye: migration equivalent to 3.5-4.5 kb DNA fragment

Yellow dye: migration equivalent to 35-45 bp DNA fragment

Compound that increases sample density for direct loading

Some applications of this product may require a license which is not provided by the purchase of this product.

For research use only.

Description

Optimized ready-to-use PCR master mix for routine PCR assays. This master mix contains thermostable Taq polymerase FIREPol®, MgCl₂, dNTPs, and buffer with detergent. You just need to add a template, primers, and water.

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