

Datasheet

Version: 3.0.0

Revision date: 15 May 2025



PCR SuperMix (+dye)

Catalogue No.: abx098003



PCR SuperMix is a ready-to-use mixture of DNA Polymerase, dNTPs and optimized buffer. The supermix is provided at 2x concentration and used at 1x concentration by adding the template, primers and nuclease-free water. PCR products are unsuitable for PAGE. The Extension rate is about 1-2 kb/min. Amplification of genomic DNA fragment up to 4 kb. Contents:

Component	1 ml size	5 ml size	15 ml size	480 ml size
2X PCR SuperMix (+dye)	1 ml	5 × 1 ml	15 × 1 ml	6 × 80 ml
ddH ₂ O	1 ml	5 ml	3 × 5 ml	96 × 5 ml

Target: PCR SuperMix (+dye)

Storage: Store at -20°C. Stable for 12 months from date of receipt.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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Directions for Reaction Components:

use:	Component	Volume	Final Concentration
	Template	Variable	as required
	Forward Primer (10 µM)	1 µl	0.2 µM
	Reverse Primer (10 µM)	1 µl	0.2 µM
	2X PCR SuperMix	25 µl	1X
	ddH ₂ O	Variable	N/A
	Total Volume	50 µl	N/A

Thermal Cycling Conditions:

1. 94 °C, 2-5 min
2. 94 °C, 20 s
3. 50-60 °C, 20 s
4. 72 °C, 2-6 kb/min
5. Repeat 2-4 for 30-35 cycles.
6. 72 °C, 5-10 min

Notes:

Before use, completely thaw all components and mix well.

For Reference Only