



AppTaq RedMix (2X)

Routine, Robust and Fast PCR



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A Ready-mix for Easy PCR and Gel Loading

AppTaq RedMix (2X) is a highly thermostable enzyme ready-mix for all routine PCR amplification of DNA fragments up to 6 kb. It contains an inert red dye for downstream PCR product visualisation by agarose gel electrophoresis. It contains AppTaq polymerase which has 5' to 3' exonuclease activity but no proofreading capacity. For extra convenience and to maximise PCR yields, AppTaq RedMix (2X) has pre-added enhancers, stabilisers, MgCl₂ and dNTPs. It works in fast or standard thermal cycling conditions. AppTaq Polymerase generates 3'adenine overhangs on the PCR products which can then be cloned into TA vectors.

Main Features

- For routine PCR of amplicons up to 6kb
- Pre-optimised buffer system with pre-added dNTPs and MgCl₂
- Works under standard or fast cycling conditions
- Clone PCR products into TA vectors
- Amplifies from complex GC- rich or AT-rich templates
- Also available:
 - AppTaq Polymerase: Taq DNA polymerase and buffer concentrate provided separately
 - AppTaq Mix (2X): a pre- optimised enzyme / buffer mix which contains pre-added dNTPs, MgCl₂ stabilisers and enhancers

Ordering Information

Product	ARP001	ARP003	ARP052	ARP062
AppTaq Polymerase (5U/μl) &	500 units (1 x 0.1 ml)	2000 units (4 x 0.1 ml)		
5x Appleton	4x 1ml	16 x 1ml		
AppTaq Mix (2X)			200 reactions (5x 1ml)	
AppTaq RedMix (2X)				200 reactions (5x 1ml)

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