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DATA SHEET

Version: 03
Revision date: 28/03/2023

1. Identification

Product name **AmplyMAX™ Multiplex PCR Master Mix (2X)**
50 rxn (of 50µL each)

Cat. No **P0082**

2. Description

The AmplyMAXTM Multiplex PCR Master Mix is designed specifically for endpoint multiplex PCR. Multiplex PCR enables the amplification of multiple targets in one single PCR experiment using multiple sets of primers. The Mastermix contain all components necessary for the reaction and minimize the need for optimization thus making the development and set-up of multiplex PCR assays easy and fast.

3. Composition

Item	Quantity
Multiplex PCR Master Mix	1.25 ml

4. Features

- Excellent performance and robustness in multiplex PCR.
- Optimized Master Mix for minimal hands-on and fast setup.
- Hot-start for highest sensitivity and specificity.

5. Storage specifications

Store at -20˚C.

6. Applications

- Multiplex PCR
- Typing/ Detection
- Simultaneous amplification of 10 or more targets from 50 bp – 2 kb in a single reaction.

7. Quality Certifications

- Functionally tested in multiplex PCR.
- Undetected bacterial DNA (by PCR).
- Undetectable nucleases activity (endo-, exo, and ribo-).

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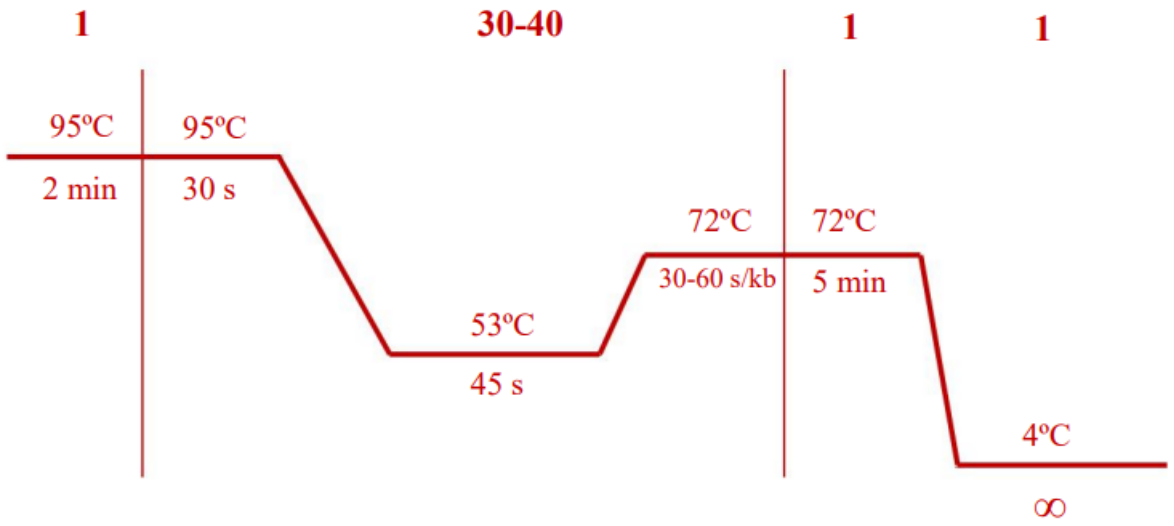
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RECOMMENDED PROTOCOL

COMPONENT	VOLUME	FINAL CONC.
Multiplex PCR Master Mix	25µl	1X
Forward Primers	Variable	0.2–1 µM
Reverse Primers	Variable	0.2–1 µM
Template DNA	Variable	10 pg–1 µg: Plasmid→ 0.01-1ng; gDNA: 0.1-1µg
PCR grade H_20	up to 50µl	

CYCLING PROGRAM



8. Further information

Product Use Limitations This product is developed, designed and sold exclusively only for research purposes use The product was not tested for use in diagnostics or for drug development, nor is it suitabl for administration to humans or animals.

Disclaimer The information provided in this Data Sheet is correct to the best of our knowledge and belie at the date of publication. This information is intended only as a guide and should not b taken as a warranty or quality specification. Canvax Reagents S.L.U. shall not be held liabl for any damage resulting from handling or from contact with the above product.