

UNIVERSAL PCR MASTERMIX – 1X

CAT. NO:

19P-01-20 (20 RXN)

19P-01-100 (100 RXN)

PRODUCT DESCRIPTION

The ready to use system is designed for all applications required for PCR. Hot-start Taq DNA polymerase is activated by heating up the reaction 10 min at 95 °C.

PRODUCT SPECIFICATION

HotStart Taq DNA Polymerase enzyme contains Anti-Taq monoclonal antibodies to ensure specificity and thermostability. PCR Universal Master Mix contains 0.2 mM of each dNTP, 2,5 mM MgCl₂ and HotStart Taq DNA Polymerase.

SYSTEM CONTENTS

Reagents	20 rxns
• PCR Universal Mastermix*	860 µl
• PCR Grade Water**	500 µl
• MgCl ₂ 25 mM**	500 µl

(*) Master mixes include HotStart Taq DNA Polymerase.

(**) Optional

PROCEDURE

FOR 1 RXN:

- 43 µl PCR Mastermix
- Primers (each forward and reverse primers 10 pmol) (*)
- DNA (100 – 150 ng) (*)
- Add PCR Grade water until total volume 45 µl.
- Mix gently by pipetting.
- Run with the programme shown below.

(*) **Not included**

PCR PROGRAMME

95 °C	3 min.	35-45 cycles
95 °C	15 sec.	
60 °C	1 min.	

STORAGE

- All reagents should be stored at – 20 °C and dark.
- All reagents can be used until the expiration date on the box.
- Repeated thawing and freezing (>3X) should be avoided, as this may reduce the sensitivity of the assay.

CAUTIONS

- All reagents should be stored at suitable conditions.
- Do not use the PCR mastermixes forgotten at room temperature.
- Thaw PCR mastermix at room temperature and slowly mix by inverting before use.
- Shelf-life of PCR mastermix is 12 months. Please check the manufacturing data before use
- Only use in vitro diagnostics.

Please contact us for your questions. tech@snp.com.tr