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01 PCR

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Working

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MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

primers

DNA template, positive control template standards

ddH₂O

dNTP mix (25 mM of each)

5x SuperStar Omni Buffer

/

SuperStar Omni DNA Polymerase

/

10x Enhancer

/

MATERIALS TEXT

Template 1-30ng

Sense Primer 10uM 2.5ul

Anti-sense Primer 10uM 2.5ul

5x SuperStar Omni Buffer 5ul

dNTP each 2.5mM 4ul

SuperStar Omni DNA Polymerase 1ul

10x Enhancer 5ul

ddH₂O up to 50ul

1 Mix the ingredients according to the table below

Template 1-30ng

Sense Primer 10uM 2.5ul

Anti-sense Primer 10uM 2.5ul

5x SuperStar Omni Buffer 5ul

dNTP each 2.5mM 4ul

SuperStar Omni DNA Polymerase 1ul

10x Enhancer 5ul

ddH₂O up to 50ul2 [Set the PCR instrument Procedure according to the following table](#)

Pre-denaturation: 94~98°C 30sec

Denaturation: 94~98°C 10sec |

Annealing: 50~72°C 30sec | 25~35 cycles

Extension: 72°C 30sec/kb |

72°C 10min
4°C ∞



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