

## 2×*EasyTaq*<sup>®</sup> PCR SuperMix for PAGE

Cat. No. AS112

Storage: -20°C for two years

### Description

*EasyTaq*<sup>®</sup> PCR SuperMix for PAGE is a ready-to-use mixture of *EasyTaq*<sup>®</sup> DNA Polymerase for PAGE, dNTPs and optimized buffer. The SuperMix for PAGE is provided at 2× concentration and used at 1× concentration by adding template, primers and H<sub>2</sub>O.

- Extension rate is about 1-2 kb/min.
- Unique buffer system compatible with PAGE.
- Template-independent “A” can be generated at the 3’ end of the PCR product. PCR products can be cloned into *pEASY*<sup>®</sup>-T vectors.
- Amplification of genomic DNA fragment up to 3 kb.

### Application

Short fragment PCR

### Kit Contents

Component	AS112-11	AS112-12	AS112-13
2× <i>EasyTaq</i> <sup>®</sup> PCR SuperMix for PAGE (+dye)	1 ml	5×1 ml	15×1 ml
ddH <sub>2</sub> O	1 ml	5 ml	3×5 ml

### Reaction Components

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
2× <i>EasyTaq</i> <sup>®</sup> PCR SuperMix for PAGE	25 μl	1×
ddH <sub>2</sub> O	Variable	-
Total volume	50 μl	-

### Thermal cycling conditions

94°C	2-5 min	} 30-35 cycles
94°C	30 sec	
50-60°C	30 sec	
72°C	1-2 kb/min	
72°C	5-10 min	

### Note

Completely thaw the contents in the tube and mix well before each use.

FOR RESEARCH USE ONLY