

## Evomic RCA Reaction Systems

<b>SuperPhi RCA Kit (#Phi100)</b>		<b>Volume</b>	<b>FemtoPhi RCA Kit (#FP100)</b>		<b>Volume</b>
○ Sample Mix containing denatured DNA		4 µl	○ Sample Mix containing denatured DNA		4 µl
○ Reaction Buffer		5 µl	○ Reaction Buffer		4 µl
○ SuperPhi Enzyme		1 µl	○ FemtoPhi Enzyme		2 µl
Total Volume		10 µl	Total Volume		10 µl
<b>SuperPhi RCA Premix (#PM100)</b>			<b>FemtoPhi RCA Premix (#FM100)</b>		
○ Sample Mix containing denatured DNA		5 µl	○ Sample Mix containing denatured DNA		5 µl
○ SuperPhi RCA Premix		5 µl	○ FemtoPhi RCA Premix		5 µl
Total Volume		10 µl	Total Volume		10 µl
<b>SuperPhi RCA Premix with Specific Primer (#PM100S)</b>			<b>FemtoPhi RCA Premix with Specific Primer (#FM100S)</b>		
○ Sample Mix containing denatured DNA		4 µl	○ Sample Mix containing denatured DNA		4 µl
○ SuperPhi RCA Premix (PM100S)		5 µl	○ FemtoPhi RCA Premix (FM100S)		5 µl
○ Specific Primer (100 µM)		1 µl	○ Specific Primer (100 µM)		1 µl
Total Volume		10 µl	Total Volume		10 µl

All Reaction Condition: 30°C for 4~24 hrs, 65°C for 10 min and then 4°C forever.

*Bacillus* DNA Transformation Kit is equivalence of SuperPhi RCA Kit.