























FastGene™ Plasmid mini kit

Purification of high & low copy plasmid DNA

FG-90402 100preps

FG-90502 300preps

	High copy plasmid		Low copy plasmid
	Fast protocol	Standard protocol	Low copy protocol
Harvest of bacteria	 ON culture 1 - 3ml >10,000rpm ; 1min Remove the supernatant	 ON culture 1 - 5ml >10,000rpm ; 2min Remove the supernatant	 ON culture 5 - 10ml >10,000rpm ; 2min Remove the supernatant
Lysis	 200µl of mP1 : Vortexing 200µl of mP2 : Invert the tube 2min at room temperature 300µl of mP3 : Invert the tube	 200µl of mP1 : Vortexing 200µl of mP2 : Invert the tube 2min at room temperature 300µl of mP3 : Invert the tube	 400µl of mP1 : Vortexing 400µl of mP2 : Invert the tube 2min at room temperature 600µl of mP3 : Invert the tube
Lysate clarification	 13,000rpm ; 2min	 13,000rpm ; 2min	 13,000rpm ; 3min
Sample loading	 Load the supernatant 13,000rpm ; 30sec	 Load the supernatant 13,000rpm ; 30sec	 Load 750µl of the supernatant 13,000rpm ; 30sec } x2 times
Membrane washing	 150µl mP4 + 300µl mP5 13,000rpm ; 3min	 400µl of mP4 13,000rpm ; 30sec  600µl of mP5 13,000rpm ; 30sec	 400µl of mP4 13,000rpm ; 30sec  600µl of mP5 13,000rpm ; 30sec
Membrane drying		 13,000rpm ; 2min	 13,000rpm ; 2min
Elution	 50µl of mP6 2min at room temperature 13,000rpm ; 2min	 50µl of mP6 2min at room temperature 13,000rpm ; 2min	 50µl of preheated (70°C) mP6 2min at room temperature 13,000rpm ; 2min