



























































**FastGene™ Plasmid mini kit**
**FastGene™ プラスミド ミニキット**

ハイコピー／ローコピー プラスミドDNAの精製

**FG-90402 100preps**
**FG-90502 300preps**

	ハイコピープラスミド		ローコピープラスミド
	Fastプロトコル	スタンダードプロトコル	ローコピープロトコル
集菌	 培養液 1～3ml >10,000rpm 1min 上清を除去	 培養液 1～5ml >10,000rpm 2min 上清を除去	 培養液 5～10ml >10,000rpm 2min 上清を除去
溶菌	 200μl mP1 ボルテックス 200μl mP2 転倒混合 室温 2min 300μl mP3 転倒混合	 200μl mP1 ボルテックス 200μl mP2 転倒混合 室温 2min 300μl mP3 転倒混合	 400μl mP1 ボルテックス 400μl mP2 転倒混合 室温 2min 600μl mP3 転倒混合
ライセート 清澄化	 13,000rpm 2min	 13,000rpm 2min	 13,000rpm 3min
カラム結合	 上清を分注 13,000rpm 30sec	 上清を分注 13,000rpm 30sec	 上清750μlを分注 13,000rpm 30sec           } ×2回
メンブレン 洗浄	 150μl mP4 + 300μl mP5 13,000rpm 3min	 400μl mP4 13,000rpm 30sec  600μl mP5 13,000rpm 30sec	 400μl mP4 13,000rpm 30sec  600μl mP5 13,000rpm 30sec
メンブレン 乾燥		 13,000rpm 2min	 13,000rpm 2min
溶出	 50μl mP6 室温2min 13,000rpm 2min	 50μl mP6 室温2min 13,000rpm 2min	 50μl mP6* (*70℃に加熱) 室温2min 13,000rpm 2min


**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 