

# **Troubleshooting Steps**

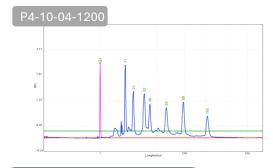
- ① Current of HV Purge is unstable or < 2 μA
  - 1-a. Repeat HV Purge 2-3 times.
  - 1-b. Soak cartridge tip in hot water and purge cartridge at least 15-30 mins with purge station simultaneously.

## Packing list for 1pc/ 2 pcs cartridge kit

	Protein Cartridge Kit				
	1pc (C105121)	2 pcs (C105221)	Storage condition		
Protein Cartridge (P2)	1 pc	2 pcs	2°C~8°C		
5x Separation Buffer (SDS), (C104501-5X)	50 mL	50 mL	4500 0700		
1x Dilution Buffer (SDS), (C104505)	15 mL	15 mL	15°C~27°C		
Accessory Package					
Buffer Tray	2 pcs	2 pcs			
PCR Vial	8 Strip*1	8 Strip*1			
Dropper	2 pcs	2 pcs			

▲ Warm to room temperature for 30 min before cartridge use.

Analyzed result of 15-622 bp DNA Size Marker (C109200) by S2 cartridge



#### Order Information of Protein Labeling Dye

		Model		
		$\mathit{Qsep}_{\scriptscriptstyle 100}$ Advanced	Qsep <sub>1</sub> /Qsep <sub>100</sub> /Qsep <sub>400</sub>	
Labeling Dye	Name	Alexa Fluor™ 488 NHS Ester (Succinimidyl Ester) (5 mg)	Chromeo™ P503 (1mg)	
	Manufactory	Thermo Fisher Scientific	Sigma-Aldrich	
	Cat. No.	A20100	30693	
Labeling Kit Manu	Name	Protein Labeling Kit (Alexa Fluor 488)	Protein Labeling Kit (Chromeo P503)	
	Manufactory	BiOptic Inc.	BiOptic Inc.	
	Cat. No.	C104800	C104600	

 $\ensuremath{\mathbb{X}}$  Download the cartridge user guide from QR code or  $\underline{\text{link}}.$ 



Document No. F0034 Ver-D

# **Protein**

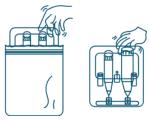






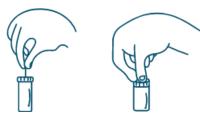
## **Unpacking procedure**

Open the cartridge shell and take out cartridge vertically.



Warm to room temperature for 30 min before cartridge use.

Insert the pin into the small hole of cartridge cap and press it all the way in. Please repeat 2-3 times.



Recommendation: Repeat step 2 before use each time.

Remove the pin and clean cartridge cap and tip with tissue. Make sure the cartridge is always kept in vertical position.



Prepare Separation buffer before HV purge and analysis.



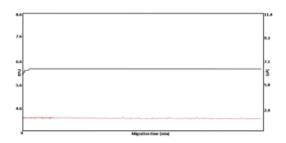
Dilute 5X Separation buffer (C104501-5X) to 1x by  $d_2H_2O$  and fill it into 4 wells (S, P,W and C) of buffer tray

5 Cartridge has to do HV Purge before Use.

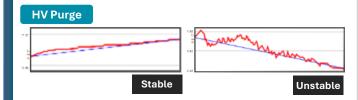


- Click "Direct Control" from control panel
- Click "Go" of HV Purge. The condition is 4 kv, 120s.

HV Purge : The current (gray line should be flat and >2  $\mu$ A

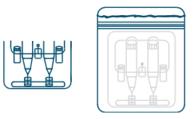


If the HV Purge current is unstable or  $<2 \,\mu\text{A}$ , please refer to troubleshooting (1)



## **Packing Cartridges**

Please insert cartridge back to cartridge shell and put cartridge shell into moisturizing bag after analysis.



\*Please ensure cartridge tip be inserted into protection gel.

