Flow Cell Number: ..... DNA Samples: .....

INSTRUCTIONS	NOTES/OBSERVATIONS
IMPORTANT ☐ Take care when drawing back buffer from the flow cell. Do not remove more than 20-30 µl, and make sure that the array of pores are covered by buffer at all times. Introducing air bubbles into the array can irreversibly damage pores.	
☐ Load 400 µl of the prepared Flow Cell Wash Mix into the flow cell priming port, avoiding the introduction of air.	
☐ Close the flow cell priming port and wait for 60 minutes.	
☐ Before removing the waste fluid a second time, ensure that the flow cell priming port cover and SpotON sample port cover are closed, as indicated in the figure below.	
☐ Using a P1000, remove all fluid from the waste channel through Waste port 1. As both the flow cell priming port and SpotON sample port are closed, no fluid should leave the sensor array area.	
IMPORTANT ☐ It is vital that the flow cell priming port and SpotON sample port are closed to prevent air from being drawn across the sensor array area, which would lead to a significant loss of sequencing channels.	
Follow one of the two options described in the next steps of the prot	바로 사용할 경우 QC 체크 필요. 하지만 4도에 어느정도 보관 후 사용하는 것을 추천 (온도가 올라가서 pore에 무리가 올 수 있으므로)
To run a second library on a MinION/GridION flow cell straight away	
IMPORTANT ☐ The buffers used in this process are incompatible with conducting a Flow Cell Check step prior to loading a subsequent library. However, the first pore scan after a sequencing run has started will report the number of nanopores available.	
☐ To run a second library straight away, follow the instructions in the "Priming and loading the flow cell" section of your library preparation protocol.	
IMPORTANT ☐ When priming a flow cell after a nuclease wash with the Flow Cell Wash Kit, it is vital to wait five minutes between the priming mix flushes to ensure effective removal of the nuclease.	
To store the MinION/GridION flow cell for later	4도에 보관할시 바로 이 step
Storage Buffer (S) can be used to flush flow cells for storage for later use or to check number of available nanopores before loading another library.	
☐ Thaw one tube of Storage Buffer (S) at RT.	
☐ Mix contents thoroughly by pipetting and spin down briefly.	
☐ Rotate the flow cell priming port cover clockwise so that the priming port is visible.	
After opening the priming port, check for a small air bubble under the cover. Draw back a small volume to remove any bubbles: ☐ Set a P1000 pipette to 200 µl. ☐ Insert the tip into the flow cell priming port. ☐ Turn the wheel until the dial shows 220-230 µl, or until you can see a small volume of buffer/liquid entering the pipette tip. ☐ Visually check that there is continuous buffer from the flow cell priming port across the sensor array.	액체가 조금 나왔다 싶으면 stop !!! 기포가 들어가면 안됩니다.