

## Ten Minutes DNA Release Kit -6 (10 minutes follicles DNA Kit)


**This Kit was designed to obtain the DNA from follics within 10 minutes. It is easily and quickly to have the follics DNA ready for PCR.**

Catalog Number	DNA Release Buffer		Samples	Storage & Use	Price(\$)
	Name	Volume			
JZ-006	Kit6-B1	1.5ml	100	-Can be kept at 5°-29° C; - Work well for 1 year from the open day.	42.10/kit
	Kit6-B2	1.5ml			

### Tools

- Thermo-machine or water bath which can be set for a constant temperature between 86° - 90° C;
- Centrifuge with 10,000 – 15,000g set up at room temperature(RT);
- 1.5ml eppendorf tubes, tips, and micro (10-200ul scalar) pipette;
- Vortex or mixture machine is optional;

### Work Table

Step	Action	Example
Step #1	<ul style="list-style-type: none"> <li>• Add 15ul of Kit6-B1 to an eppendorf tube.</li> <li>• Place 2-3 hair follicles to the tube with the buffer (see example).</li> </ul>	
Step #2	<ul style="list-style-type: none"> <li>• Place the tube in a thermo-machine or a water bath at 86°-90° C for 6-8 minutes (no shaking). You also to keep the samples at RT for 6-8 minutes too.</li> </ul>	
Step #3	<ul style="list-style-type: none"> <li>• Remove the tube from the thermo-machine to RT.</li> <li>• Flick the tube 3-5 times.</li> </ul>	
Step #4	<ul style="list-style-type: none"> <li>• Add 15ul of Kit6-B2 to the tube.</li> <li>• Flick it again to make sure its content is well mixed.</li> <li>• Remove the hair follicles from the tube.</li> <li>• 30ul of clear aqueous phase in the tube is the desired DNA extract.</li> </ul>	

#### Notes:

- Take 1-3ul the DNA extract as a template to run PCR at 20-25ul reaction volume.
- Using the kit for the first time , determine the best working range of the DNA extract by running PCR with different quantities of 1ul, 2ul, and 3ul of DNA extract respectively.