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DNA Maxwell RSC instrument

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In Development



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ABSTRACT

Maxwell automated nucleotide extraction

PROTOCOL CITATION

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1 先取 **0.2 g plate** 或 **0.05 g 1.5 ml tube** , 將sample放入研鉢加液態氮磨

2 加入 **500 µl CTAB** 等待溶解, 並移到離心管

3 加 **10 µl Lyticase** **37 °C** **01:00:00**
note: 10ul Lyticase = 100U

1h

4 **94 °C**
00:10:00 Heating + **00:10:00 Cooling**

20m

5 **25 µl RNase A** + **40 µl Proteinase K** into離心管

6 **65 °C 加熱** **01:00:00**

1h

每10~15分鐘搖晃一次


7 Vortex tube 使均勻混合

8  **16000 x g, 24°C, 00:10:00**

10m

9 加  **300 µl Lysis buffer** +  **300 µl** 上清液 **Sample** 到第一格

10 把磁棒放到長條的最後一格

11 加  **100 µl Elution buffer** 到第八格的小離心管
蓋子不要關

12 放入機器讓他跑  **00:37:00**

37m