

Exosome NTA 检测步骤

1. Exosome NTA 粒径浓度检测步骤

外泌体NTA检测服务详情请查阅：[外泌体NTA检测](#)。

仪 器： ZetaView
厂 家： Particle Metrix, Meerbusch, Germany
型 号： PMX 110

实验步骤：

- 1) 以去离子水清洗样本池；
- 2) 仪器以聚苯乙烯微球（100nm）校准；
- 3) 以1X PBS buffer (VivaCell,Shanghai)清洗样本池；
- 4) 取样本以1X PBS buffer (VivaCell,Shanghai)稀释【稀释倍数见检测报告PDF文档： dilution factor】，进样检测

英文描述可参考如下：

We measured the exosome particle size and concentration using nanoparticle tracking analysis (NTA) at VivaCell Shanghai with ZetaView PMX 110 (Particle Metrix, Meerbusch, Germany) and corresponding software **ZetaView 8.04.02**【软件版本见PDF报告左下角】. Isolated exosome samples were appropriately diluted using 1X PBS buffer (VivaCell Shanghai, China) to measure the particle size and concentration. NTA measurement was recorded and analyzed at 11 positions. The ZetaView system was calibrated using 100 nm polystyrene particles. Temperature was maintained around **23°C** and **30°C**【温度、pH值、电导率等信息参见PDF报告】

