

2013最新上市

Diagenode

Bioruptor Pico

价格最优, 大通量

二代测序与ChIP assay 样本前处理系统

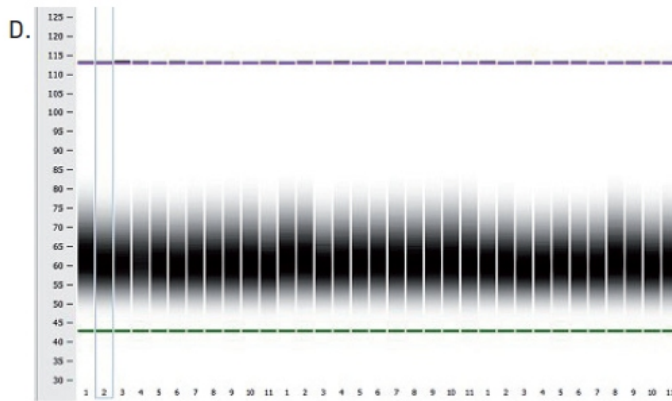
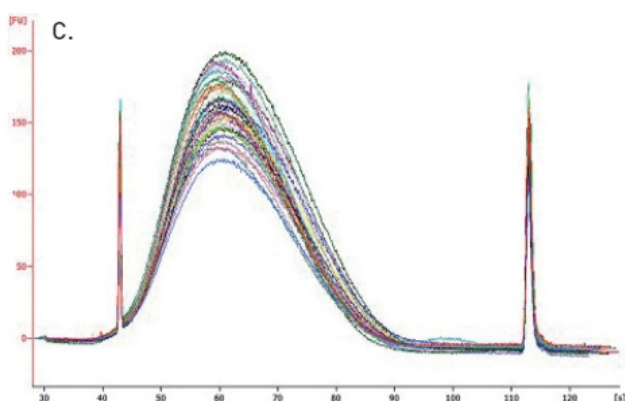


优点:

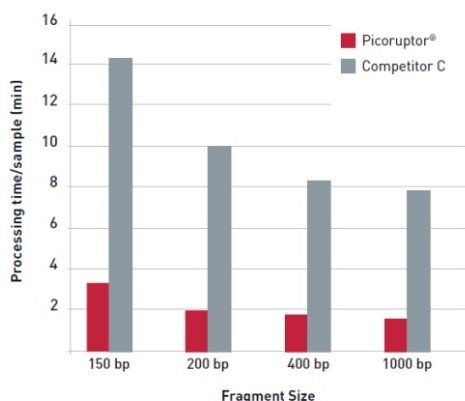
- ❖ 完整配备: 包括超声波仪主体, 冷却循环系统及电磁阀控制器
- ❖ 专为二代测序与染色质免疫共沉淀实验样本前处理量身订做
- ❖ 操作简单, 设定仅需两步骤, 厂家提供完整 DNA shearing 与 Chromatin shearing 实验条件与设定参数
- ❖ DNA 片段范围可从 100 bp 到 >1,000 bp
- ❖ 高结果重复性, 处理快速, 通量高
- ❖ 一次可操作 12 个样本, 最小体积可达 5ul

特性:

DNA 片段化范围精确性高并且分布紧密



样本处理速度快

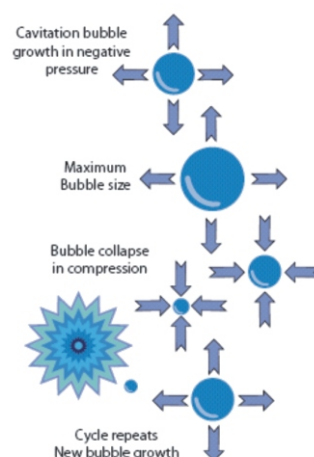


Target size	Time	Cycle condition (On/Off cycle time)	Cycle number
150 bp	30 min	30 sec / 30 sec	30
200 bp	13 min	30 sec / 30 sec	13
400 bp	12.25 - 14 min	15 sec / 90 sec	7 - 8

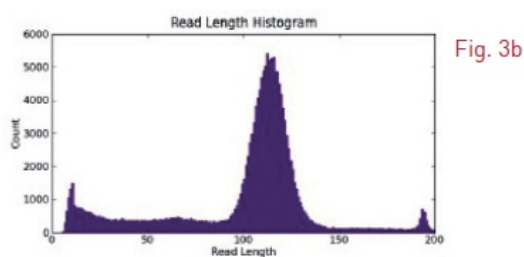
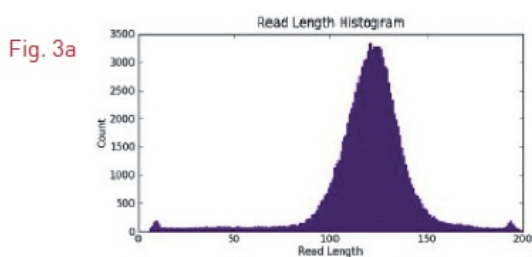
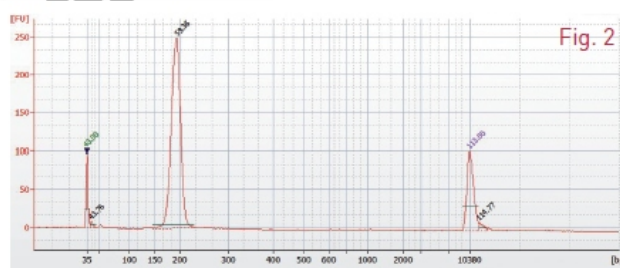
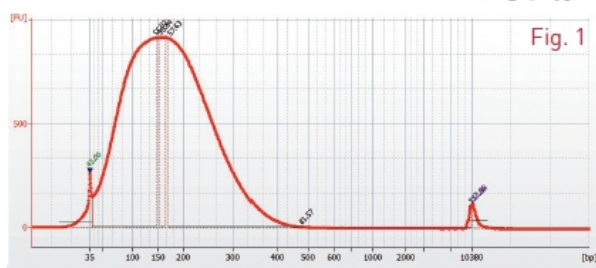
- ❖ 仅需20分钟, 就可使12个DNA样本片段化到200bp
- ❖ 比其他厂牌节省一个半小时以上
- ❖ 人工操作时间不到10分钟即可得到满意的超声结果

Bioruptor Pico 与其他厂牌的比较

	Picoruptor® Sonicator	Competitor C Sonicator	Tip/Probe Sonicators
Desirable fragment sizes for sequencing	Yes	Yes	No
Consistent fragment sizes from 100 bp - 1000+ bp	Yes	Yes	No
Validated for chromatin shearing	Yes	Yes	Yes
Multiplexing capability	Yes	No	No
High-throughput	Yes	No	No
Simple operation	Yes	Yes	Yes
Consistency between samples within runs	Yes	Yes	No
Perform small DNA Shearing of 18 samples/hour	Yes	No	No
100% recovery of DNA sample volume	Yes	No	No
Cost of operation	Low	High	Low



Bioruptor Pico 提供绝佳的二代测序实验结果



冷却循环系统

- ❖ 可连续持续冷却Bioruptor Pico 超声水槽温度, 延长仪器寿命, 与增加样本结果重复性
- ❖ 数位化微电脑控制, 温控精准
- ❖ 流速可调, 低扰流特性, 不影响超声波效率
- ❖ 具电磁阀套件, 确保只会在超声波暂停时更换冰水, 避免在超声过程中产生任何干扰现象
- ❖ 高功率升降温快

