



## T100™ PCR仪

Bio-Rad公司具有20多年专业的PCR仪生产经验，引领业界半导体PCR仪的潮流，满足广大客户的不同需求。T100 PCR仪传承伯乐性能稳定、技术创新的理念，是科研人员的明智之选。流线型简洁设计的T100包括诸多优点，如智能化触屏操作，具有8道编程梯度温度以及快速、稳定的控温性能，让您的PCR实验如此简单。

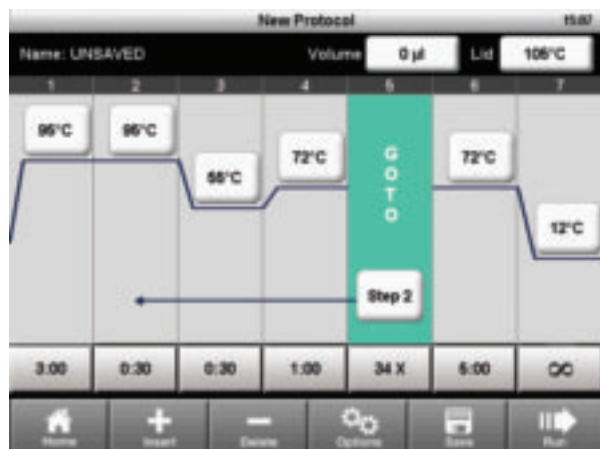
- 节省编程时间——直观的触屏操作，使编程更为便捷
- 快速优化实验流程——温度梯度功能确保在一次实验中优化PCR条件，快速获得最佳结果
- 节省实验室空间——机身小巧紧凑，更坚固，便于安放
- 先进的文件管理模式——个性化文件夹及USB闪存，易于保存和备份程序
- 数据的高度一致性——性能稳定，升降温速度快，重复性高，结果可靠

更多详细的信息，请访问我们的网站：[www.bio-rad.com/T100](http://www.bio-rad.com/T100)。

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### 最简单的编程

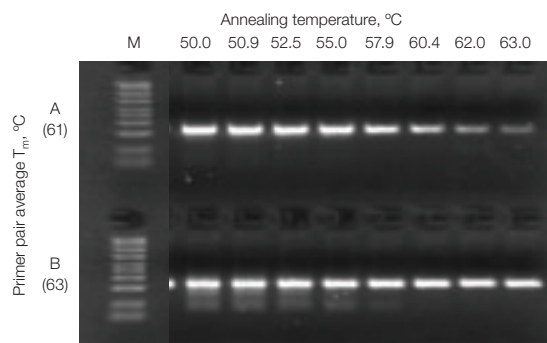
T100 PCR仪高分辨率触摸屏，提供了模拟按钮操作的图形界面，程序编写简单。触屏按钮反应快速，满足不同客户的使用偏好。



简单的图形编程界面，即时显示新建程序。

### 最快速的优化

八重退火温度（1-25°C温差梯度），让您在一次反应中确定最佳退火温度。同时，动态升降温速率确保T100 PCR仪在温度梯度时温控时间的统一。通过快速优化反应条件，您可以大大节省时间，更多的关注于实验结果。



在引物对A组，退火温度高于55°C时，扩增产量明显下降。在引物对B组，退火温度低于60.4°C时，出现了非特异性扩增产物。M泳道是标准品。以上实验结果均表明，通过温度梯度优化，我们可以选择一个最适宜（高特异性，高产量的）退火温度。

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### 更卓越的表现

T100 PCR仪提供了您所期望的卓越稳定性，和最值得信赖的实验结果。在1-100 µl 的反应体系中，保证温控的准确性和一致性。

完全密封的热电元件也可以T100确保持久稳定的性能表现。在长时间的低温状态下，T100仍可以有有效的阻止模块中冷凝现象。



5 µl 小反应体系下扩增370 bp人基因组DNA片段的电泳图。均一的特异条带表明T100 PCR仪整板反应条件的一致性。M泳道是标准品。

### Ordering Information

Catalog #	Description
186-1096	<b>T100 Thermal Cycler</b> , includes 96-well thermal cycler, power cord, T100 tube support ring
170-8890	<b>iScript™ cDNA Synthesis Kit</b> , 25 x 20 µl reactions, includes 5x iScript reaction mix, iScript reverse transcriptase, nuclease-free water
170-8870	<b>iTaq™ DNA Polymerase</b> , 5 U/µl, includes 250 U polymerase, 1.25 ml 10x PCR buffer (200 mM Tris-HCl, pH 8.4, 500 mM KCl), 1.25 ml 50 mM MgCl <sub>2</sub> solution
172-5301	<b>iProof™ High-Fidelity DNA Polymerase</b> , 2 U/µl, 100 U, includes 5x reaction buffers, MgCl <sub>2</sub> solution, DMSO
MLP-9601	<b>Multiplate™ 96-Well Unskirted PCR Plates</b> , natural, 25 plates
MSB-1001	<b>Microseal® 'B' Adhesive Seals</b> , optically clear, 100
TBS-1201	<b>12-Tube Strips without Caps (0.2 ml)</b> , natural, 100 strips (1,200 PCR tubes)
TCS-1201	<b>Domed 12-Cap Strips</b> , for 0.2 ml PCR tubes and plates, natural, 200
TWI-0201	<b>PCR Tubes with Domed Caps (0.2 ml)</b> , natural, 1,000

Purchase of this instrument conveys a limited non-transferable immunity from suit for the purchaser's own internal research and development and for use in human in vitro diagnostics and all other applied fields under U.S. Patent Number 5,475,610 (Claims 1, 44, 158, 160-163, and 167 only), or corresponding claims in its non-U.S. counterpart, owned by Applied Biosystems. No right is conveyed expressly, by implication, or by estoppel under any other patent claim, such as claims to apparatus, reagents, kits, or methods such as 5' nuclease methods. Further information on purchasing licenses may be obtained by contacting the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

This product is covered by one or more of the following U.S. patents or their foreign counterparts owned by Eppendorf AG: U.S. Patent Numbers 6,767,512 and 7,074,367.

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