



# get your own.

The Eco™ Real-Time PCR System.  
qPCR Your Way.

illumina®



## Unprecedented access. Uncompromising results.

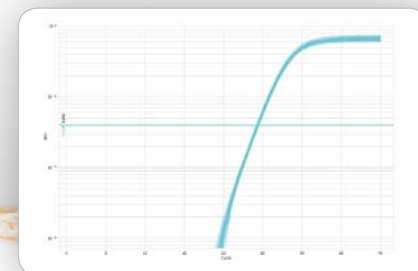
Accelerate your research. Get creative. With the Eco Real-Time PCR System, you get industry-leading data quality and reproducibility at a price that makes qPCR accessible to the individual researcher. Even though you won't need to share anymore, you will be far from alone with access to the growing community of Eco users and the expertise of Illumina Technical Support Scientists. Now you don't have to compromise between price and performance. Only the Eco Real-Time PCR System gives you both.



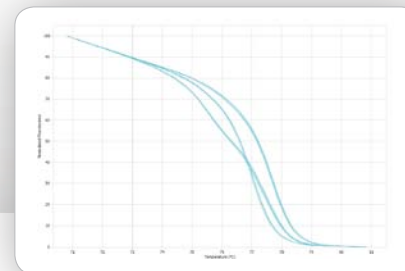
## High performance. Higher confidence.

Harness the full potential of qPCR. The Eco Real-Time PCR System delivers true 4-color multiplexing and offers high-performance applications such as High Resolution Melt (HRM) analysis. HRM provides you with a simple and robust alternative to real-time genotyping assays that use hydrolysis probes. The open Eco system supports all standard Real-Time PCR chemistries, so you can choose the best reagents for your individual experiments. Experience a new level of data quality and reproducibility with industry-leading well-to-well uniformity (variance of +/- 0.1°C). That's 5x better than the leading Real-Time PCR system. Eco delivers the confidence to do the research you want, when you want to do it.

**Unprecedented reproducibility across 48 wells.**  
The unique thermal block design and innovative optical system ensure that no edge effect impacts your data.



**Genotyping is made easy using HRM analysis with intercalating dyes.** The high reproducibility and resolution of the Eco Real-Time PCR System make it easy to cluster different genotypes based on their melting temperature profile.



## Easy installation. Simple operation.

Set it up. Plug it in. Do your research. Any researcher can easily install and use the compact, 48-well Eco Real-Time PCR System in minutes. Since the Eco system is factory calibrated for SYBR Green dyes, FAM, HEX, ROX, and Cy5, you will be ready to go quickly and easily. The Eco system's intuitive, icon-driven software interface is easy to use and is compliant with Minimum Information for Publication of Quantitative Real-Time PCR Experiments (MIQE)\* recommendations. Get started doing qPCR experiments and experience the research freedom of the Eco system.

## Get your own.

Visit [www.illumina.com/ecoqpcr](http://www.illumina.com/ecoqpcr) for more information or to order an Eco Real-Time PCR System for your lab.



### Personalize it!

Find out how you can personalize your Eco Real-Time PCR System at [www.illumina.com/ecoqpcr](http://www.illumina.com/ecoqpcr)



## WORLDWIDE HEADQUARTERS

### **Illumina, Inc.**

9885 Towne Centre Drive  
San Diego, CA 92121 USA

1.800.809.4566 toll-free

1.858.202.4566 tel

1.858.202.4766 fax

[www.illumina.com](http://www.illumina.com)

For local offices and international distributors,  
visit [www.illumina.com/ecoqpcr](http://www.illumina.com/ecoqpcr).

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\*A project to establish specifications for the minimum information that must be reported for a qPCR experiment in order to ensure its relevance, accuracy, correct interpretation, and repeatability

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