

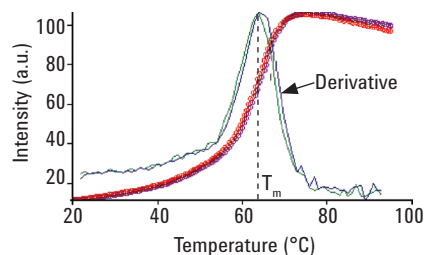
THE POWER OF XENON: LIGHT YEARS AHEAD IN FLUORESCENCE MEASUREMENT TECHNOLOGY

The Cary Eclipse—the only fluorescence instrument for temperature-based applications

The Agilent Cary Eclipse fluorescence spectrophotometer has been designed to offer the ultimate BioMelt package. We coupled our precise, flexible multi-cell peltier temperature control accessory with intuitive, integrated software and the legendary Cary reputation for robustness and ease-of-use to offer the ultimate in customized thermal melt and temperature dependent experiment capabilities.

Accurate & reproducible temperature-based experiments

With a unique Agilent Xenon flashlamp that has a 10-year guarantee and proven performance that comes without any risk of photodegradation, the Cary Eclipse handles your Life Science samples with ease.



Shown here are T_m values of 13mer DABCYL labelled PNA probe with 5' 6-carboxyfluorescein-labelled DNA that were calculated using the Cary Eclipse thermal software.

The Agilent Cary Eclipse BioMelt system is the instrument for all of your temperature- based applications.

Agilent's comprehensive Thermal Melt Package provides all of the tools you need to gather accurate and efficient thermal melt data. Specific features include:

- Accurate and precise multi-cell temperature control
- Easy to program ramps and thermal cycles
- Thermal melt software that lets you set up to 50 stages with varying ramp and data collection rates per experiment
- Superior temperature stability (better than ± 0.05 °C) and minimal cell to cell variation (better than 0.2 °C at 37 °C).
- The powerful capability to control data collection from a temperature probe inside the sample cuvette
- Increased productivity by letting you easily measure multiple samples in one experiment

To learn more about the Agilent Cary Eclipse visit:
www.agilent.com/chem/cary-eclipse

Agilent Cary Eclipse

Superior sensitivity where you need it most, renowned reliability, and enhanced sampling capabilities.



Save time and money

- 10 year lamp life guarantee
- Reduce ongoing lab costs
- Start work immediately with the zero warm up flashlamp



Simplify your analysis

- Streamline workflows
- Operate with covers open
- Easily access samples and accessories



Improve lab safety

Eliminate costly, time-consuming, and dangerous lamp replacements.



Flexible configurations

Use software to switch seamlessly between

- Fluorescence
- Phosphorescence
- Chemi/bio-luminescence
- Time resolved modes



Uncompromised performance

- Proven sensitivity where you need it
- Rapid and precise kinetics measurements
- Accurate, stable, and reliable thermal control accessories



Save

With the Power of Xenon you can save money and help care for the environment.



Reliable and powerful

Ask for a demo and see how the proven choice for applications in academia, life sciences, biotechnology, chemicals, energy, and food testing analyses can exceed your analytical expectations.

To learn more about the Agilent Cary Eclipse visit:
www.agilent.com/chem/cary-eclipse

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