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# Explore the Thermodynamic Landscape

of Biomolecules with UV-Visible and Fluorescence Spectroscopy

## TEMPERATURE INTERVAL

**MEASUREMENT:** Monitor changes in biological samples as a function of temperature or obtain temperature-dependent spectral scans.

### FEATURES & BENEFITS

- Determine thermodynamic parameters from thermal melting data
- Reverse thermal gradients to investigate protein refolding
- Monitor multiple wavelengths or spectra
- Temperature intervals from 0.1 to 10°C
- Sample temperature can be monitored and controlled using the cell holder or in-cell sensors
- Stirring for rapid sample thermal equilibration
- Peltier thermostatted single and automatic 6/8-position cell holders

Contact us to arrange a 'no obligation' demonstration to learn more about measuring thermally dependent samples.



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## When proteins matter.

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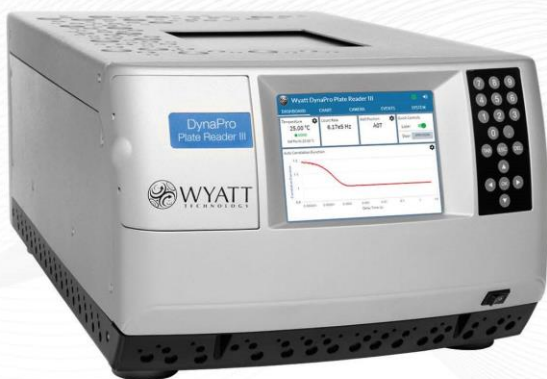
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**My first return to Gibbs!!** As I did in 2016, I will have a scanning CLARiTY (aka, pyramid UV/Vis) with me. Recall, CLARiTY (Correia) means success with proteins in membranes, DNA in suspension, living tissue, and – yes! – all light absorbing systems. I will also have an OLIS computerized HP 8452 (Bevilacqua). I'll talk about our hand-crafted absorbance, fluorescence, and circular dichroism "spectrophotometers for advanced teaching and research," including the OLIS RSM 1000 rapid-scanning stopped-flow (Koder), and the OLIS DSM 1000 CD spectrometer (Sheardy). See you Saturday night for my little talk & throughout! Julie



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