

Optim 2



Rationale for Optim

Three Key Challenges

- I. The need for increased speed of analysis
- II. Low sample availability – especially in early development
- III. The need for more information (whilst still achieving 1 and 2)

Quick overview

- Combines fluorescence and light scattering into one instrument
- **Simultaneous** investigation of conformational unfolding and aggregation propensity
- Expressed as the thermal midpoint (T_m) and aggregation onset (T_{agg})
- All samples temperature controlled allowing for precise thermal ramping
- **9 μ l** per sample
- High throughput measurements, **48** samples in one run **144** samples per day
- Proprietary software with powerful data analysis

