Software that's just right

Get intuitive software options to program, measure and analyze data from your Prometheus experiments

It's so difficult to find software for a system that's easy to use while also providing flexible measurement options. Prometheus uses PR.ThermControl, PR.ChemControl or PR.TimeControl software, all of which guide you step-by-step through each experiment making assay setup a painless process.

When you're looking to compare runs and merge replicates to see if your results are statistically relevant, use PR.Stability Analysis software to help you draw more precise conclusions.

- Get precise measurements for T_m, T_{agg}, T_{onset}, ΔG and C_m
- Monitor aggregation propensity
- Make better decisions by getting to clearer conclusions faster

PR.ThermControl

Precisely determine at which temperature 50% of your protein unfolds (T_m) and when aggregation begins (T_{agg}). Assay setup is only 3 steps. Tailor the heating ramp rate for your experimental needs. Get results that are automatically generated and color coded to help you clearly visualize the data.

PR.ChemControl

Evaluate the energetics of chemical unfolding that can influence the stability of your protein. In 40 seconds, get data on the energetics of folding (ΔG) and the denaturant concentration at which 50% of the protein is unfolded (C_m).

PR.TimeControl

Subject your protein to customized thermal treatments to get more info on it's unfolding and refolding rates. Choose between isothermal measurements, incremental temperature cycling or temperature stepping for advanced protein stability measurements.

PR.Stability Analysis

Automatically merge replicates and quickly visualize and identify key thermal or chemical unfolding trends of your proteins. Combine multiple experimental runs and compare your samples with references that you define. Create and save custom templates that analyze and plot important parameters you want to view. Easily export the results in a format that's ready for presentations, publications or reporting in your notebook.

> *"PR.Stability Analysis software is very well-designed and implemented, striking a rare balance between flexibility, functionality, and usability. It offers significant time savings and deeper insight into protein stability trends for any Prometheus user."*
>
> — **Dr. Tim Sharpe, Head, Technology Platform, Biophysics Facility, Biozentrum, University of Basel**

PR.Stability Analysis software makes interpreting data easier

Trying to make sense of your protein stability data? Using formulas in spreadsheets or had-to-make-it-work 3rd-party software?

PR.Stability Analysis software does away with all that to give you clearer and more precise conclusions on your stability data. Finally compare thermal or chemical unfolding data from single or multiple runs and make identifying those critical trends or aggregation of your protein easier.

Bringing together data from multiple runs

Combine data from multiple experimental runs done on different days and conveniently analyze all at once.

Customizing the way you visualize data

Select how you want to visualize the data to see trends and interpret your results faster.

Making templates to standardize your analysis

Customize analysis templates to best suit your application, user or specific experimental test. Save these templates for easy access during future analysis.

Exporting only what you need

Download exactly what you need whether it's the entire raw data set or a subset of results. It's in a format that's ready for publications, presenting or pasting in your notebook.

Ordering information

PRODUCT	DESCRIPTION	CATALOG #
PR.ThermControl	Controls thermal unfolding experiments	PR-S011
PR.ChemControl	Controls chemical unfolding experiments	PR-S021
PR.TimeControl	Runs thermal unfolding experiments with unconventional temperature ramps	PR-S031
PR.Stability Analysis	Analyzes data collected with PR.ThermControl or PR.ChemControl	PR-S051

To learn more about Prometheus software options, contact us at **service@nanotempertech.com**