

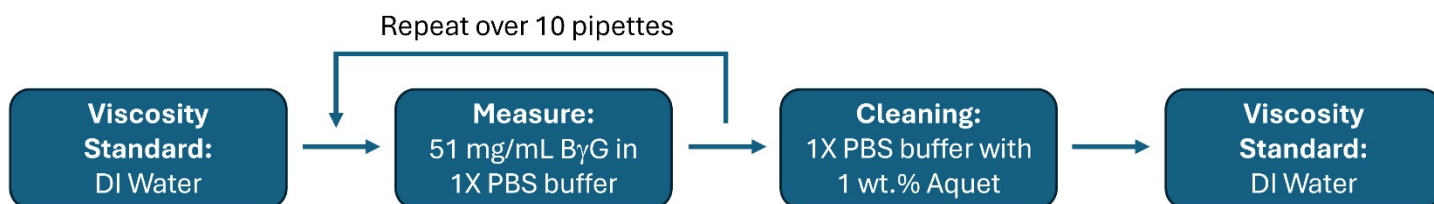


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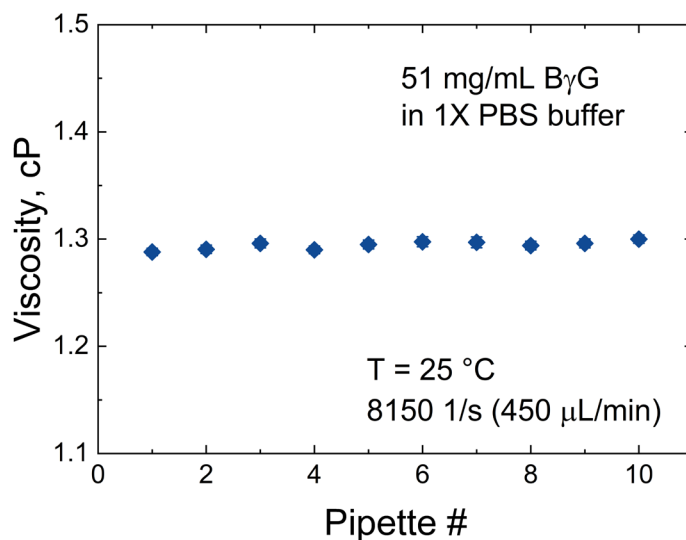
Simply Precise®

## Sample-after-sample testing with microVISC PRO: no cleaning b/w samples

The microVISC PRO is the next-generation portable and easy-to-use viscometer with built-in VROC technology. With this unit, you can test many samples (i.e., proteins) with no cleaning required in between, provided all samples are compatible. We measured the viscosity of 10 consecutive samples (51 mg/mL B $\gamma$ G) within an hour by using the workflow shown below. Cleaning was not required between samples.



As shown below, the measured viscosity for the 10 consecutive samples (each with 6 repeats) was around 1.3 cP, with repeatability %RSD = 0.29. In the plot below, all error bars are smaller than the data points and are barely visible. After all B $\gamma$ G samples were measured, a robust cleaning was performed automatically with one syringe full of cleaning solvent consisting of 1X PBS buffer with 1 wt.% aquet (1 wt.% polysorbate 20 can substitute for aquet). DI water, measured at the beginning and at the end of the workflow, consistently gave the correct viscosity of 0.89 cP at 25 °C, highlighting the effectiveness of the cleaning protocol and accuracy of the VROC chip.



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