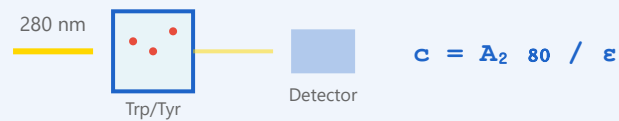


Protein Concentration Measurement

A280 Method



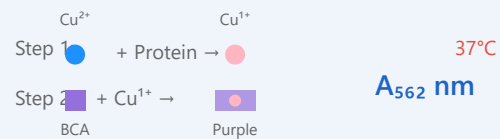
Direct, fast, needs pure protein. ϵ calculated from Trp/Tyr content.

Bradford Assay



Coomassie dye binding. Sensitive (1-100 $\mu\text{g/mL}$). Detergent interference.

BCA Assay



Cu^{2+} reduction. Compatible with detergents. 20-2000 $\mu\text{g/mL}$.

⚠ Interference Factors



Buffer composition critical for accurate measurements.