

Protein Quantification

A. BCA Quantification:

Measuring concentration using bicinchoninic acid assay (BCA assay) as follows:

Sample	BSA (μ l)	Sample (μ l)	Sample Vehicle (μ l)	MilliQ (μ l)	BCA working solution (μ l)
Blank	0	0	8	12	400
Standard (1.25 μ g/ μ l)	8	0	8	4	400
Sample	0	8	0	12	400

1. Incubate at 60 °C for 30 mins.
2. Cool down for 10 mins
3. Read at A_{562}

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B. Bradford Quantification:

To measuring concentration using Bradford reagent, a 100 fold dilution of sample is required as follows:

	Volume of sample (μ l)	Volume of Water (μ l)	Volume of Bradford (μ l)
Blank	2.5 (From the vehicle)	247.5	250
Sample	2.5	427.5	250

Read at A₅₉₅

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