

Blue Pippin Size Selection

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Gel cassettes for DNA selections are available in four agarose concentrations to provide a full range of size selection options between 90bp and 50kb. Protein size selection provides similar resolution to acrylamide gels. See the Blue Pippin [cassette kit reference](#) chart to explore the DNA size selection options.

General Sample Preparation Guidelines

To ensure successful results, the sample must be of sufficient purity and appropriate concentration. We recommend using only purified products. Quality of the sample is very important for accurate fragmentation; high salt concentration and particulates are known to adversely affect results.

Selecting the appropriate fragmentation parameters is sample concentration dependent. We recommend using a spectrometer, such as the Nanodrop, or a fluorometrics, such as Qubit to quantify samples.

For each sample to be analyzed, please provide a minimum of 500ng and up to 10ug of sample in a clearly labeled 1.5ml tube. Bring sample volume to 30ul in 1x Tris EDTA buffer. All tubes must be labeled on the side with PI Name, Date (MM/DD/YYYY), Concentration, and unique Sample Name.