



Ion Torrent PGM™

Sample Delivery Instructions

1. Please send us 5µl of each PCR amplicon in 8 tube strips or a 96 well plate for an initial quantitation using Quant-iT.
2. Once the samples are quantified use the concentration (ng/µl) and the amplicon size (bp) to calculate the molarity of each sample. Then you should combine all the amplicons of a biological sample (for library prep performed by us) or all of your amplicons (in case fusion PCR was performed), in equimolar concentrations at the highest concentration possible. To calculate the molarity use the following formula: $\text{molarity (nM)} = [(\text{concentration (ng/}\mu\text{l)})/1000] / (\text{size (bp)} * 650)] * 10^9$
3. Please deliver a minimum of 30 µl of each pooled sample.
4. An electronic sample information sheet should be filled and sent by e-mail.

Recommendations

Please run your amplicons on an agarose gel prior to sending us the samples in order to verify the success of the PCR reaction. In case of multiple unspecific PCR products, we recommend to clean the specific amplicon from the gel.