

Sample Submission Guidelines for Targeted Bisulfite Sequencing

Contact: info.jp@diagenode.com

1. Isolation of genomic DNA

- The quality of the DNA to be used is very important, we therefore highly recommend to use commercial kits (ex: Qiagen portfolio).
- Genomic DNA must be free of protein and RNA. Regardless the choice of DNA extraction protocol, proteinase K digestion and RNase treatment are thus mandatory.
- Do not vortex high molecular weight DNA as this might lead to fragmentation, but mix by pipetting.

2. Genomic DNA quantification and preparation

- The concentration of double-stranded DNA must be quantified using a fluorescence-based assay such as Picogreen.
Photospectrometric techniques like Nanodrop cannot be used as they tend to overestimate the concentration of double-stranded genomic DNA.
- We recommend to check for genomic degradation by analysis of a small aliquot of each sample on a 0.8% agarose gel.

3. Shipment Instructions

- Prepare the samples in 1.5 mL tubes or 96-well plates and label them carefully.
- Samples can be shipped on dry ice or with a coolpack.
- Fill the Sample ID sheet file with all relevant information and send it by email to services@diagenode.com.
- Print the Sample ID sheet and include it in your package when shipping the samples.
- Attach a Dry Ice Sticker with the net weight (see below) on the outside of the parcel when using dry ice.
Please send the parcel at the beginning of the week to ensure delivery before the weekend



- Please contact your courier (DHL, TNT, Fedex, UPS, etc) to arrange the shipment of the samples to the following address:

サンプル送付先: 株式会社ダイアジェノード
エピジェネティクス受託解析サービス係行
〒930-0834 富山県富山市問屋町1-8-7 富山営業所
TEL 076-482-3110

- Communicate the tracking number to Diagenode (info.jp@diagenode.com)