

## **INSTRUCTIONS FOR SUBMITTING DNA SAMPLES for DNA methylation profiling**

Please follow these requirements for submitting DNA sample for methylation profiling using Illumina Infinium EPIC methylation platform:

- The required DNA amount is 250 ng, the maximum volume of 45 ul,
- DNA should be dissolved in water or low TE buffer,
- Please provide DNA concentration which should be evaluated by Qubit or Picogreen assay. If other method is used, please make a note of that,
- Optimal DNA concentration is between 6 ng/ul to 100 ng/ul,
- Please use either 0.5 ml or 1.5 ml microcentrifuge tubes for shipment,
- Send DNA samples in dry or wet ice,
- For clinical cases submitter is required to provide (1) Methylation Requisition Form, (2) pathology and molecular reports with matching sample identifier(s) and (3) HE slide or digital slide image,
- For submitting multiple DNA samples for research testing a digital copy (Excel file) of the sample(s) description is appreciated (please ask for a template from the lab if needed)

### **Contact info:**

Email: [NIHMethylationProfiling@mail.nih.gov](mailto:NIHMethylationProfiling@mail.nih.gov)

Phone: 301-480-7298

### **Shipping address:**

Clinical Methylation Section  
LP, NCI, NIH  
ATTN: Zied Abdullaev  
10 Center Drive, Room 2S235  
Bethesda, MD 20892-1500

This will help us to get results to you sooner.

Thank you!