

Genomic DNA Submission

Recommended sample amount:

Service Type	Amount required for each sample
Array	
(h)MeDIP-chip	*2ug-5ug
Sequencing	
(h)MeDIP-seq	*2ug-5ug

* 1) The minimum amount for each is intended for the whole experiment, including RNA quality control. If the minimum amount is unavailable, please consult our technical support by email at support@arraystar.com to make special arrangements.

2) The minimum amount is for a single attempt. To minimize delays caused by experiment failures, it is recommended that twice the minimum amount above be supplied.

Shipping at room temperature

1. For DNA with QIAsafe™ DNA Tube (QIAGEN, Cat. #159104; Please refer to the supplier's instruction)
 - a) Determine the yield of the purified DNA and apply DNA solution into QIAsafe™ DNA Tube. For optimal protection, do not apply more than a total of 30ug of DNA per tube in a maximum volume of 100ul.
 - b) Gently add the DNA sample directly into the QIAsafe™ DNA Tube.
 - c) Thoroughly mix with gentle pipetting (avoid forming air bubbles).
 - d) For small volume (less than 20ul), air dry the sample in laminar flow hood for appropriate time.

Recommended drying times are given in the following table.

Sample volume(ul)	Approximate drying time(h)
5	2
5-10	6
10-20	10-12

For volumes ≥ 20 ul, or for accelerated drying of all, use a vacuum concentrator (i.e. SpeedVac) without heat to ensure complete sample drying. Recommended drying times are given in the following table.

Sample volume(ul)	Approximate drying time(h)
10-20	0.5
20-30	1
30-50	1.5
50-100	2

- e) Close tube, store or ship the DNA samples at room temperature.

Shipping on dry ice

1. For DNA in regular solution
 - a) Redissolve the DNA in Nuclease-free water or TE buffer.
 - b) Store at -80°C or -20°C. Ship on dry ice.