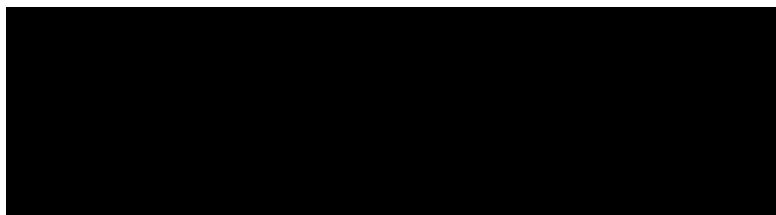


SAMPLE REQUIREMENT CHECKLIST FOR NANOPORE TRAINING

**GENOTYPIC TECHNOLOGY PVT LTD
259, Apurva 4th cross RMV 2nd Stage, Bangalore - 560094**



Quality and quantity of gDNA required for nanopore sequencing

Nanopores will sequence the size of fragments presented to them. So ultra long reads are possible only when using high quality molecular weight gDNA.

For taking forward to the library preparation sample has to meet the below quality and quantity criteria.

- Purity as measured using Nanodrop - **OD 260/280 of 1.8 and 260/230 of 2 - 2.2.**
- Average fragment size as per agarose gel electrophoresis should be **>30kb.**
- Input mass as measured by Qubit - **2ug.**
- No detergents or surfactants in the buffer.

Note : Kindly share the QC report with us prior to training date.