



	Sample type	Lowest quantity	Concentration	Shipping	Remarks
Illumina	gDNA or amplicons	250 ng	>10 ng/μl	< 10°C	<p>All samples – Minimum volume required is 10 μl!</p> <p>DNA samples – Non-degraded DNA dissolved in EB or low TE buffer (<0,1 mM EDTA), RNA-free and without traces of organic solutions.</p> <p>Amplicons and samples for Tailed Amplicon Library must have size between 200-900 bp including tails. See additional instructions on our website!</p> <p>Illumina libraries must be provided as a final pool. The total library length must be 300-700 bp.</p> <p>RNA samples – Non-degraded RNA (RIN >7) dissolved in RNase-free water, DNA-free and without traces of organic solutions.</p> <p>See the FAQ section of our NGS website for additional recommendations and useful tips!</p>
	gDNA or amplicons for PCR-free library	1 μg	>40 ng/μl		
	gDNA for exome library				
	gDNA for metagenomic analysis	20 ng	2 ng/μl		
	Tailed amplicon library				
	Ready-to-run library MiSeq / NovaSeq6000	20 / 50 μl	>5 nM		
	Total RNA	1000 ng	>10 ng/μl	< -20°C	
dsRNA	200 ng				
Pac Bio	gDNA	10 μg	>30 ng/μl	< -20°C	
	cDNA / Amplicons (0,1-10 kb)	1 μg			
Oxford Nanopore	gDNA / cDNA	1 μg	>30 ng/μl		

DNA and RNA concentration

It is recommended to measure concentration using fluorescence-based assays such as Qubit or Picogreen. We strongly advice not to use Nanodrop since UV-based measurements are in general inaccurate and may result in significant overestimation.

Sample shipment

- Mail your samples to: **SEQme, U Slovanky 2067, 26301 Dobris, Czech Republic.**
- We recommend low-bind 0,2 ml strips or 96-well plates.
- Shipping from outside EU? – See the FAQ section of our NGS website!

Order on-line at www.seqme.eu