Sample requirements Illumina TruSeq RNA sample prep Kit

The TruSeq RNA sample prep protocol is optimized for 0.1-4µg of total RNA.

Successfully library generation is strongly influenced by the quality of the input RNA. High quality RNA should:

- not be degraded (high molecular weight rRNAs can be measured using denaturing agarose gel electrophoresis or automated electrophoresis methods (RIN or RQI value should be greater or equal to 8))
- be dissolved in RNase-free water
- be free of contaminants such as TRIzol reagent or proteins (the ratio of absorbance 260/280 should be ~2.0, the 260/230 ratio should be ~ 2.0-2.2)