

TransNGS[®] Library Quantification DNA Standards (S1-S6)

Cat. No. KS101-21

Storage: at -20°C for one year

Description

TransNGS[®] Library DNA Quantification Standards (S1-S6) with 50% GC content is DNA Standard used to quantify DNA libraries prepared for Illumina next generation sequencing platforms. Standards come with six 10-fold dilutions (S1-S6) with the concentrations from 0.0002 pM to 20 pM. The amplified product size is 420 bp.

DNA Standard	S1	S2	S3	S4	S5	S6
Molarity (pM)	20	2	0.2	0.02	0.002	0.0002
Copy number (copies/μl)	12×10 ⁶	12×10 ⁵	12×10 ⁴	12×10 ³	12×10 ²	12×10 ¹

Highlights

- More accurate quantification with liner DNA Standard.
- Easy to operate: Standards come with six 10-fold dilutions (S1-S6) with the concentrations from 0.0002 pM to 20 pM.

Kit Content

Component	KS101-21
DNA Standards with 50% of GC content	120 μl each

Choose DNA Standard

Library GC Content	DNA Standard to Use
42%—56%	DNA Standards with 50% of GC content

Notes

- Thaw the pre-diluted DNA Standards, mix well and centrifuge briefly. Place the tubes on ice.
- For more precautions, please refer to the manual of TransNGS[®] Library Quantification Kit for Illumina[®] (KQ101)

FOR RESEARCH USE ONLY

