

## Certificate of Analysis

**Product Name:** Tn5 DNA Library Prep Kit for Illumina (for 50 ng DNA)  
**Cat. No. :** K1803  
**Batch No. :** 1



### Physical and Chemical Properties

**Storage:** Transposase Mix must be stored at 4°C and is stable for up to 1 month. Other components can be stored at -20°C for 2 years.

### Component List

Component Description	Lot Number	Individual QC Result
Transposase Mix	1	Pass
2X Tagmentation Buffer	1	Pass
Amplify Enzyme	1	Pass
5X Amplify Buffer	1	Pass
dNTP Mixture	1	Pass
P5	1	Pass
P7	1	Pass
Control DNA	1	Pass

### Analytical Data

#### Functional Testing (Library Construction, DNA)

Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA, using the kit's minimum and maximum input requirements. Libraries made from previous and current lots for both input DNA amounts are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.

Pass



**Individual Product Component Note**

Standard Quality Control Tests are performed for each component included in Tn5 DNA Library Prep Kit for Illumina (for 50 ng DNA) and meet the designated specifications.

Pass

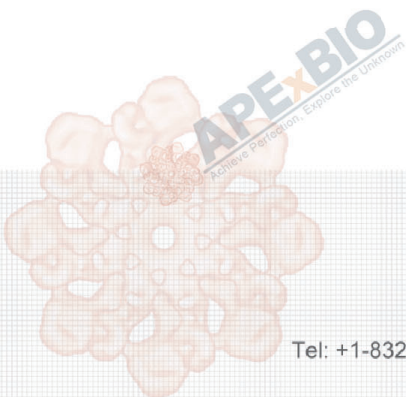
Signed by: Aiqun Li  
Quality Assurance



**Caution**

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**



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