



## EP Kit Fragmentation Time and NGS Library Size

<b>Min.</b>	12	14	16	18	20
<b>Size</b>	396	394	397	380	397

\* Input DNA amount: 100 ng

Refer to the table above when you perform the **ThermoCycler Program** in “**Step 1. Enzymatic Preparation**” in the EP Kit Manual.

\* The DNA size at the peak concentration is the raw value of TapeStation from 100ng of input gDNA along with 6 cycles of PCR and includes adapter sequence of NGS library. The optimal fragmentation time for your required DNA size may differ from the table above.

\* Applying fragmentation time beyond the range of the table is not recommended. Also longer fragmentation time does not guarantee successful library generation.

\* You can also find the performance data from EP Kit webpage displayed in the upper right corner using “Identification No.” in the ER/A Enzyme reagent label or the identification number written on the lower right corner of this sticker.

### EP Kit Homepage

<https://www.celemics.com/coa-of-celemics-ep-kit/>

**Identification No. :**           \*H0010