



EP Kit Fragmentation Time and NGS Library Size

Min.	12	14	16	18	20
Size	497	488	455	436	424

* 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. : *H0006