## **Optimization Guide**

## Quantabio.

### sparQ Frag & Library Prep – Easy as 1, 2, 3 ...



Input DNA	Number of cycles*
100 ng	4 – 5
50 ng	5 – 6
10 ng	8 – 10
1 ng	13 – 15

\* To yield 500 ng DNA Library

# sparQ PureMag Beads

Post-Amplification cleanup (0.8X)

500 nM

250 nM

20 nM

 For accurate quantification, sparQ Universal Library Quant Kit is recommended using gold standard qPCR

None

1:2 (2-fold)

1:25 (25-fold)

- Faster time to results: 40 min
- Easy to use master mix formulation
- Accurate over wide range of GC-contents

500 ng

100 ng

10 ng

- Wide dynamic range, quantify even low concentration libraries



Quantabio products are intended for molecular biology applications. The products are not intended for the diagnosis, prevention or treatment of a disease. MK-TN-0016 REV 02 Optimization Guide 0221

Library

Quantification

#### For more information and ordering instructions, visit: www.quantabio.com