





The BrightBox Assay is a novel method to quantitate your NGS libraries

Library quantitation can be a lengthy, costly, and inaccurate process where variability can lead to unequal library loading and waste time and money.

The BrightBox Assay is a quick and simple method to accurately quantitate any NGS library.



Get results quickly by shortening your current library preparation and instrument loading workflows.

Why Use BrightBox

🖌 FAST

Save time with reactions done in just 5 minutes.

🖌 EASY

Reduce manual errors and save time with premade Assay Mix and prediluted standards kept in refrigerated storage.

ACCURATE

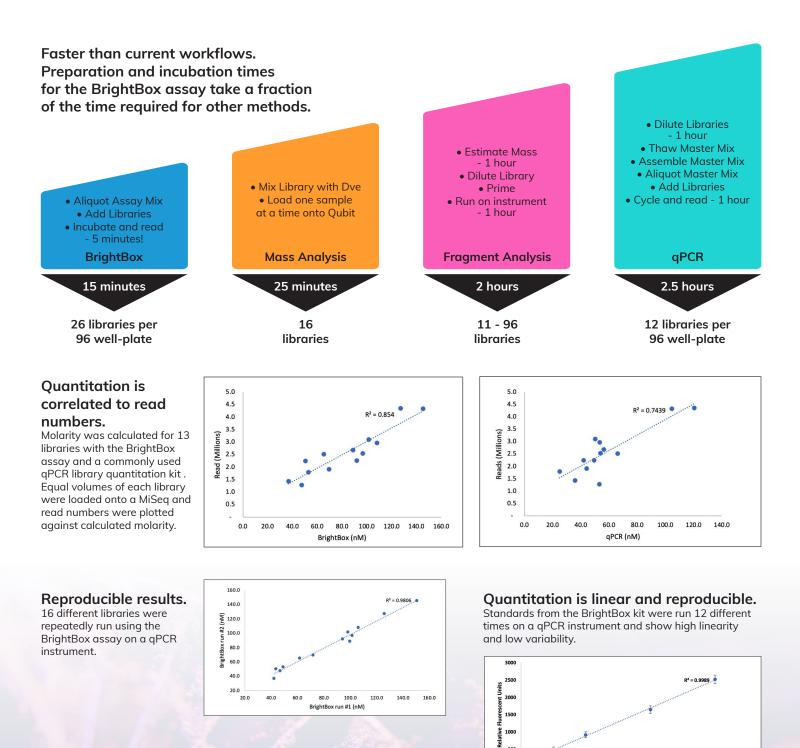
Improve data with consistent pooling based on actual molarity.

FLEXIBLE

Quantitate any library with attached P5 and P7 adapters.







 $R^2 = 0.5475$

120.0 140.0 160.0

For research use only. Not for use in diagnostic procedures.

Correlation between methods.

16 different libraries were guantitated with the BrightBox assay and a qPCR library quantitation kit. Outlying points are due to inaccurate estimation of "average" fragment size during qPCR quantitation.



40.0

60.0

80.0 100.0

BrightBox (nM)

140.0

120.0

100.0

60.0

40.0

20.0

0.0 20.0

qPCR (nM) 80.0

www.edgebio.com

500

10



25

BrightBox (nM)