

Product Information	
<b>5X WGS Fragmentation Mix</b>	
<b>Part Number</b>	Y9410L
<b>Reaction Size</b>	24 Reactions
<b>Volume</b>	0.24 mL
<b>Storage Temperature</b>	-25°C to -15°C
<b>Lot Number</b>	(Shipment Specific)
<b>Reference Number</b>	(Shipment Specific)
<b>Lot Description</b>	Use ONLY with B0330 Lot (XXXXXX)

**Product Description:**

This mix provides a single-tube solution for library construction for Illumina platforms. The protocol supports fragmentation, end-repair and dA-tailing in a single reaction step, therefore greatly simplifying the workflow, reducing the total reaction time and hands-on time.

Product Specifications	
<b>Assay</b>	<b>DNA Library Construction Assay</b>
<b>Specification</b>	Functional

**Quality Control Analysis:**

The functionality of the 5X WGS Fragmentation Mix is evaluated by performing library construction, PCR/qPCR and sequencing.

**Supplied with:**

B0330 10X Fragmentation Buffer  
B0340 Enhancer

**Notes:**

Enzyme components were tested prior to assembly and found free of contaminating endonucleases and exonucleases. Enzyme purity was >95% as determined by SDS-PAGE and negligible *E. coli* genomic DNA contamination was confirmed by qPCR.

Specific lots of Enzyme Mix (Y9410) and 10X Fragmentation Buffer (B0330) are tested and released together. Performance is not guaranteed if enzyme and buffer are purchased separately.

**Legal Disclaimer:**

For Research Use Only. Not for use in diagnostic procedures.

**Limitations of Use**

This product was developed, manufactured, and sold for *in vitro* use only. The product is not suitable for administration to humans or animals. SDS sheets relevant to this product are available upon request.