

Product Information	
<b>sparQ mRNA-Seq Kit, Box 1 (24)</b>	
Part Number	1128972
Number of Reactions	24 Reactions
Storage Temperature	2°C to 8°C
Lot Number	77501349
Expiration Date	2024-05-26

**Product Description:**

The sparQ mRNA-Seq Kit enables efficient preparation of stranded mRNA-seq libraries for Illumina® NGS platforms in 4.75 hours. It is optimized for efficient isolation of mRNA for consistent exonic read coverage across varying RNA input amounts. The streamlined workflow allows for reduced hands-on time while supporting low input amounts, as low as 5 ng of total RNA.

**Component Part Numbers:**

- 1128972 sparQ mRNA-Seq Kit, Box 1 (24)
- 1128951 Oligo-dT Beads
- 1128954 Binding Buffer
- 1128957 Suspension Buffer
- 1128960 Wash Buffer
- 1129849 Bead Booster
- 1126285 UDI Dilution Buffer

Product Specifications	
95218	
Assay	Library Functional Assay
Specification	Functional

**Quality Control Analysis and Specifications:**

**Library Prep Functional Assay:** Quality of the sparQ mRNA-Seq Kit is tested functionally by preparation of a cDNA library from high quality reference total RNA. The differences in library yield and profile among different lots must be within 15%. Sequencing of the amplified cDNA library must yield mapped reads >90%.

Enzyme components were tested prior to assembly and 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.

**Limitations of Use**

QuantaBio, UltraPlex, qScript, GelTrack, ToughMix, PerfeCTa, and FastMix are registered trademarks of QuantaBio, LLC. Applied Biosystems, StepOne, StepOnePlus and ROX are trademarks of Thermo Fisher Scientific and or its subsidiaries. Please contact QuantaBio for more information. 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.