

Streamline your RNA library prep with

WATCHMAKER RNA LIBRARY PREP KIT with Polaris Depletion

Polaris Depletion Kit - rRNA/Globin (HMR)

Depletes highly abundant rRNA and globin transcripts in human, mouse, and rat samples

Watchmaker RNA Library Prep Kit

Includes FFPE treatment, RNA library prep, and amplification

KEY FEATURES & BENEFITS: SENSITIVITY & SPEED

Increased sensitivity with clinically significant and ultra-low input samples for high-quality libraries

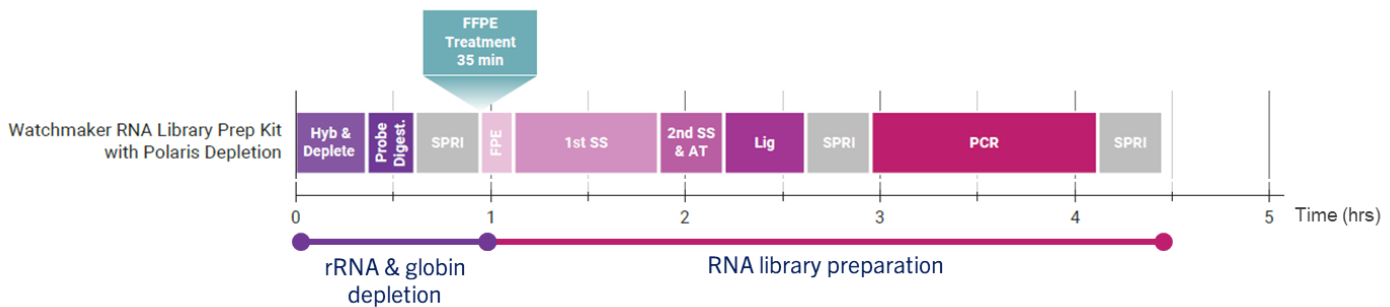
- Compatible with ultra-low and low input RNA (0.25 ng – 100 ng) and FFPE samples
- Retain quantitative gene expression information across input amounts

Process more samples easily with a simple, rapid workflow

- Generate high-complexity libraries in under 4.5 hours, including rRNA and globin depletion
- Combines and shortens enzymatic steps and has fewer bead purifications in comparison to commercially-available kit

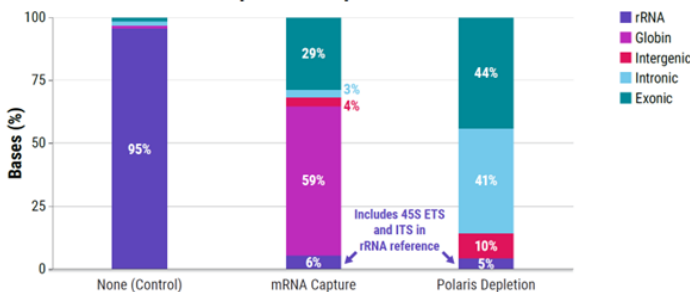
APPLICATIONS

- RNA sequencing with degraded samples, such as FFPE
- Detection of long non-coding RNAs (lncRNAs)
- Gene fusion, splice variant, and isoform detection
- Gene expression analysis
- Single nucleotide variant detection
- Novel transcript discovery
- Hybridization capture

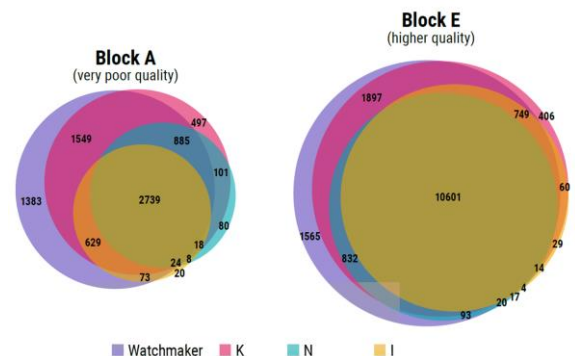


IDEAL FOR CLINICAL SAMPLES

Sequence Composition



Polaris Depletion removes rRNA and globin mRNA to improve both library prep and sequencing efficiencies for whole blood samples



Library preparation tailored for FFPE samples allows the detection of more genes in degraded samples