Qiagen launches novel RNA-seq library prep solutions for NGS

Oct. 15, 2018—Qiagen launched its QIAseq FastSelect RNA Removal Kit, which allows rapid selective removal of RNA classes from any sample, enabling researchers to attain high quality, reproducible RNA sequencing results.

"The QIAseq FastSelect RNA kit can accomplish in one simple workflow step what current RNA sequencing library preparation solutions achieve in over 30 steps. By using a range of proprietary, novel technologies, the QIAseq FastSelect RNA Removal kit therefore radically simplifies and speeds up RNA removal. Off-the-shelf options include rRNA or globin mRNA removal, while custom RNA removal solutions for selected transcripts can be designed by Qiagen," Thomas Schweins, PhD, senior vice president, Qiagen life sciences business area, said in a statement.

A one-step, 20-minute incubation with the FastSelect RNA removal reagent during RNA fragmentation and cDNA synthesis reduces the targeted RNA for removal to one percent or less.