




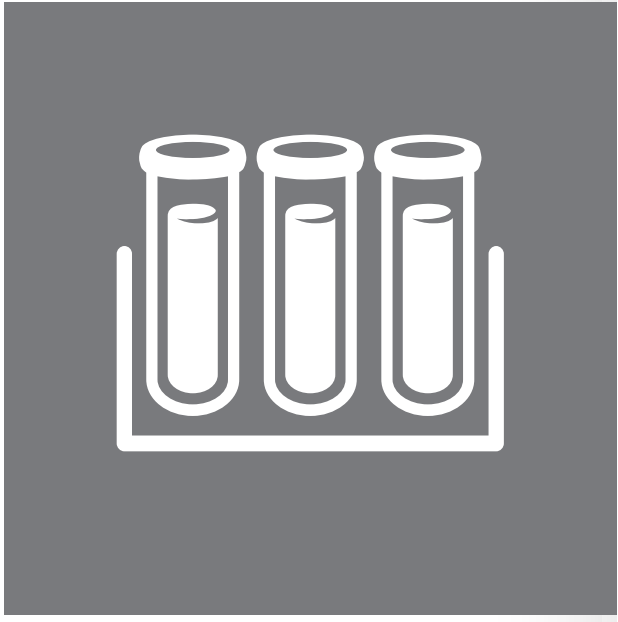



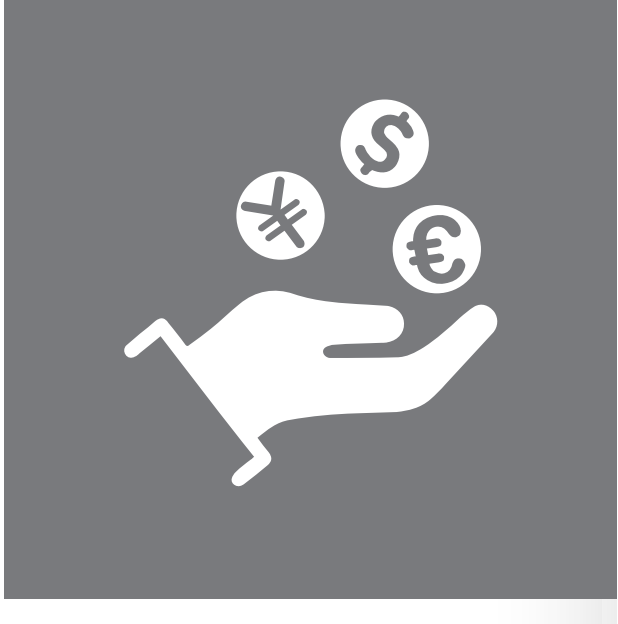




Sample purification: Why you should automate






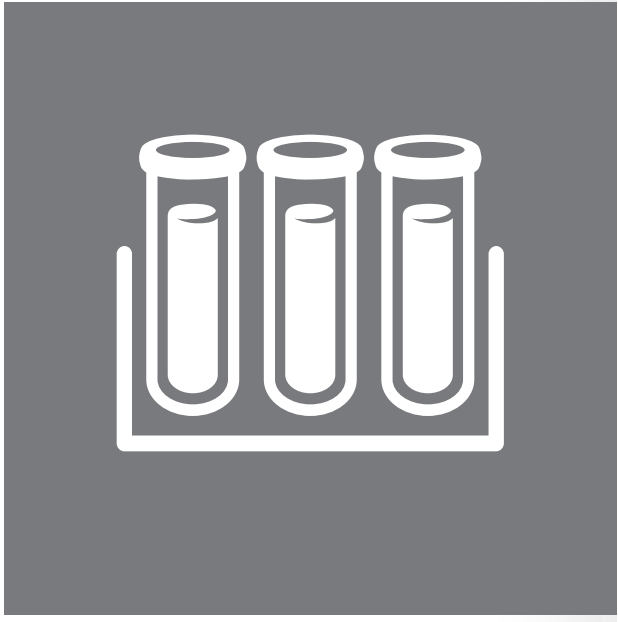



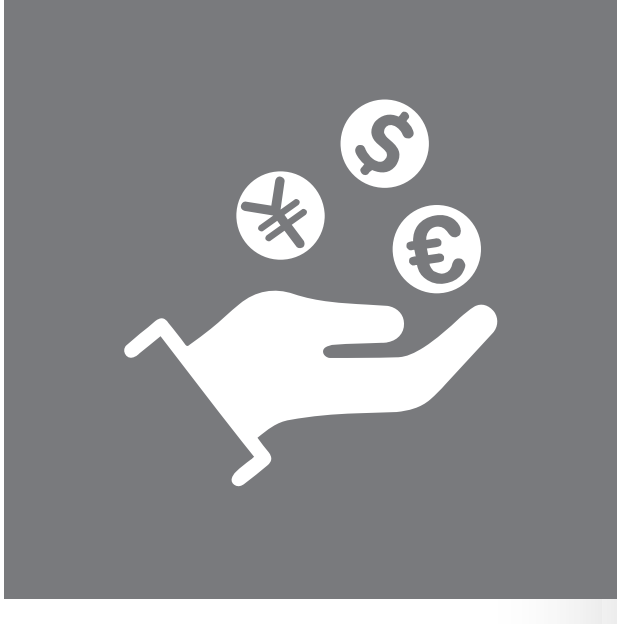


Automated magnetic bead-based vs. manual column-based sample prep

 <h2>Automated purification</h2> <p>Purify RNA, DNA, cells, exosomes, and proteins</p>	 <h2>Manual purification</h2> <p>Purify RNA, DNA, cells, exosomes, and proteins</p>
 <p>25% hands-on time</p>	 <p>100% hands-on time</p>
<p>Scalability for low- to high-throughput workflows</p> 	<p>Lower throughput— process samples in small batches</p> 
 <p>Process 96 samples in ~25–65 minutes and walk away while automation does the work</p>	 <p>Longer process time— centrifuge, wait, and repeat</p>
<p>Investing in automated prep can lead to long-term overall cost reduction in labor and materials</p> 	<p>While cost-effective up front, manual purification requires more time and often ends up costing more per prep</p> 
 <p>Automated protocols allow for reproducible, consistent results</p>	 <p>Numerous hands-on steps increase chances for inconsistencies</p>

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