Sample purification: Why you should automate

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

Automated purification

Purify RNA, DNA, cells, exosomes, and proteins

25%
hands-on time

Scalability for **low- to high-throughput** workflows

Process 96 samples in ~25–65 minutes and **walk away while automation does the work**

Investing in automated prep can lead to long-term **overall cost reduction** in labor and materials

Automated protocols allow for **reproducible, consistent results**

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Purify RNA, DNA, cells, exosomes, and proteins

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Lower throughput—process samples in small batches

Longer process time—centrifuge, wait, and repeat

While cost-effective up front, manual purification requires more time and often ends up **costing more** per prep

Numerous hands-on steps increase chances for **inconsistencies**

Leave your columns in the past and prep for the future with Thermo Scientific™ KingFisher™ instruments

Explore the potential of automated prep at **thermofisher.com/kingfisher**

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