

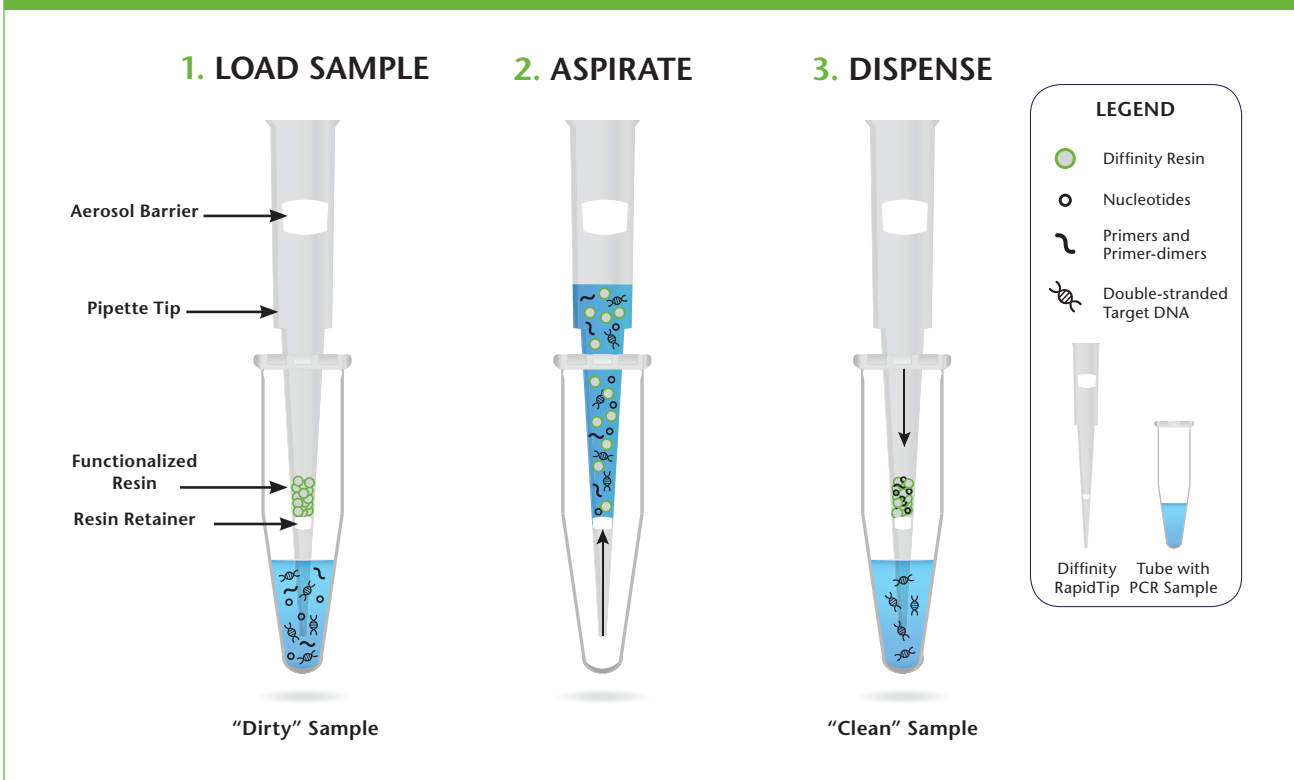
# UNIQUE PCR Cleanup Technology

Diffinity Genomics/Chiral Technologies has developed the **fastest PCR clean-up product** on the market today.

Diffinity Genomics RapidTip® 25 and RapidTip® 50 are designed to remove dNTPs, primers, and primer-dimers, while providing the user with up to 90% recovery of dsDNA fragments from 100 bp to 10 kb. The functionalized 200-µl pipette Tip, designed to fit most universal pipettors, contains everything you need for PCR cleanup.

The new design introduces a narrow-bore tip geometry, making this product amenable to automation in a 96- or 384-wellplate platform. The Tip contains a proprietary adsorption resin that has a differential affinity for PCR components. The dispensed solution yields high-quality DNA ready for downstream applications such as DNA sequencing, SNP analysis, and microarray printing.

## Diffinity RapidTip® removes dNTPs, primers, and primer-dimers



### Materials & Equipment

- Diffinity RapidTips — pre-packed with our proprietary resin, and ready to use out of the box.
- A pipettor.

DIFFINITY  
**RapidTip®**  
For PCR Cleanup

# Features and Benefits of Diffinity RapidTip

## Excellent Yield

- Recovers up to 90% of high-quality dsDNA

## One Minute, One Step

- Extremely fast and efficient process to rapidly recover cleaned DNA.

## Cost Effective

- No capital equipment (e.g., centrifuge, magnetic extractor, vacuum manifold), extra plasticware, or liquids are needed. Less labor time required due to simple protocol.

## No Bind-Wash-Elute Steps

- Eliminates use of large amounts of reagents and time-consuming, tedious multi-step protocols.

## Large Range of Fragment Length

- Yields cleaned DNA fragments of 150bp to 10Kb.

## Effective Cleanup

- Removes up to 90% of nucleotides, primers, and primer-dimers providing a cleaned PCR product.

## Easy to Use

- Single-step PCR clean up. Requires little to no training of lab personnel.

## Environment Friendly

- Waste is limited to the RapidTip. No extra materials, tips, columns, buffers, or reagents required to clean PCR product.

## Seamless Workflow

- Uses standard pipettor, so no changes are needed to your current lab workflows. A single RT025 Tip will clean a PCR sample volume of 20–30µl. A single RT050 will clean a sample volume of 45–55µl.

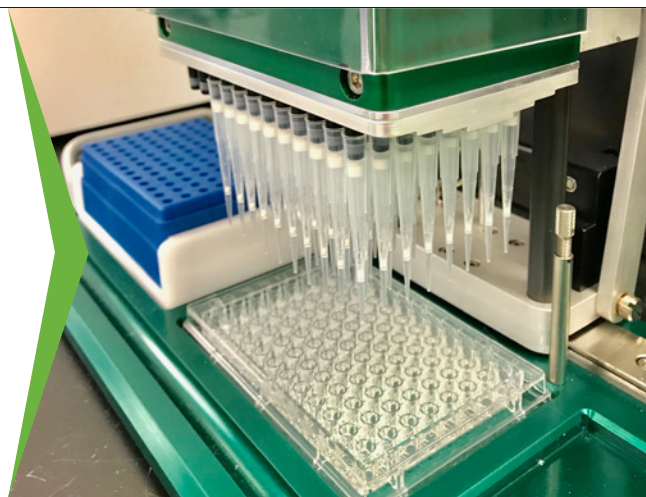
Narrow bore Tip design allows for use in automated platforms.

Catalog Number	Product (Compatible with manual or automated universal pipettors)
RT025-096	Diffinity RapidTip 25 for PCR Cleanup (One box of 96 Tips)
RT050-096	Diffinity RapidTip 50 for PCR Cleanup (One box of 96 Tips)

## Visit our website, [DiffinityGenomics.com](http://DiffinityGenomics.com), to learn more about RapidTips.

Check out our Info Center to read about sequencing of chicken genome; you can also read about a new approach to genome editing published in *Nature* by a Harvard University team.

Our website also offers many technical publications that describe use of RapidTips for a variety of genomics applications.



## Contact Information

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[www.chiraltech.com](http://www.chiraltech.com)

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