

Magnetic Beads

The Easy and Fast Way for Nucleic Acid Purification

Our Magnetic Beads combines BioDynam's proprietary chemistries with reversible DNA-binding properties of Solid Phase Reversible Immobilization (SPRI). The beads are developed for effective nucleic acid purification by removing unwanted components such as salts, dNTPs, enzymes, primers, adapters, and other impurities.

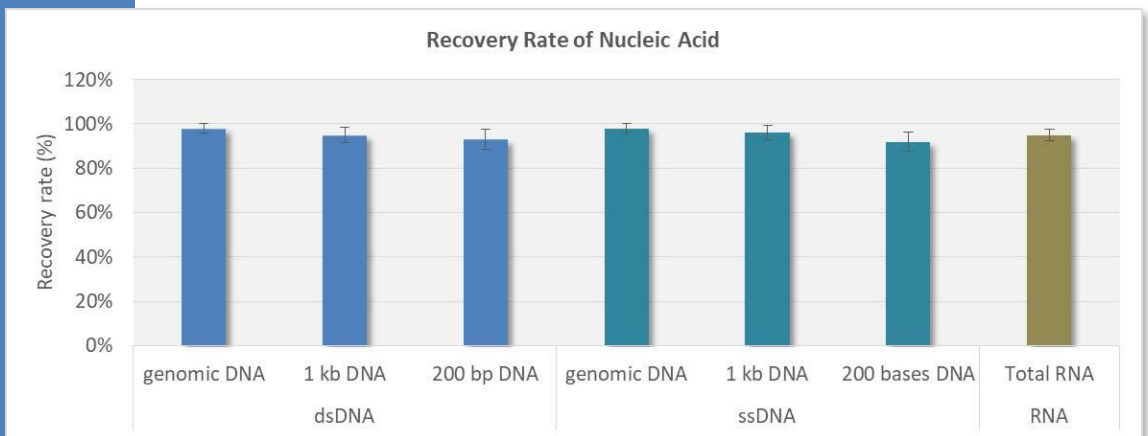
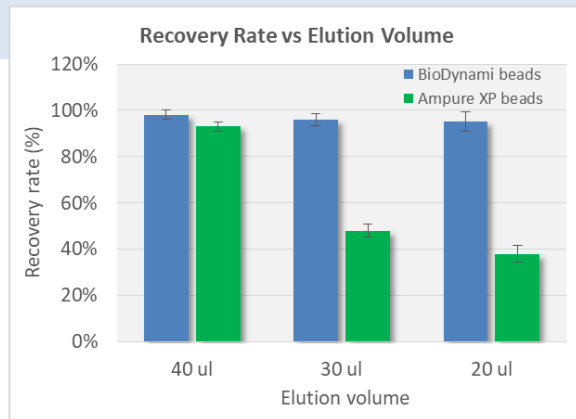
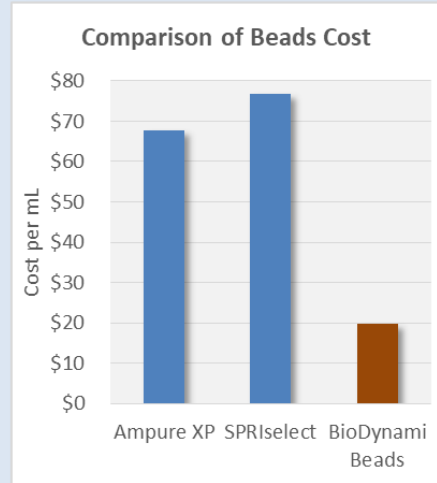


Magnetic Beads (DNA & RNA Purification)

Optimized to purify DNA fragments of 100 bp and larger, and RNA fragments of 200 bases and larger.

Features

- Save **75%** of the cost
- Purification of DNA and RNA
 - DNA fragments > 100 bp
 - RNA fragments > 200 nt
- Cost effective alternative to AMPure XP, SPRIselect
- Applications:
 - NGS Library preparation
 - PCR fragment purification
 - Genomic DNA purification
 - DNA and RNA fragment purification
 - Other applications



Save
75%

Purify
DNA & RNA

Alternative to
AMPure XP
SPRIselect



Web: biodynami.com
Tel: (256) 872-0805
Email: support@biodynami.com

Fast
Simple
Affordable
High-Quality



Magnetic Beads

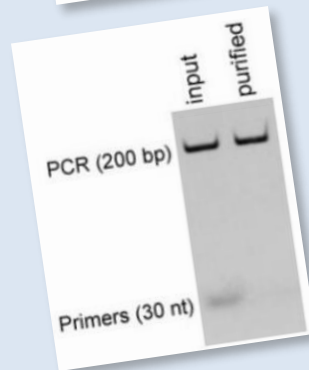
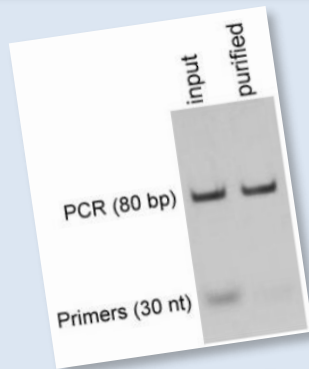
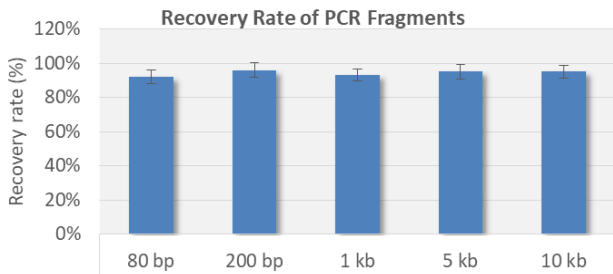
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Magnetic Beads (PCR Purification)

Optimized to purify PCR fragments of 80 bp and larger.

Features

- The **only** beads for PCR purification >80 bp
- Removal of primers <30 nt
- Removal of unwanted components
- Applications:
 - PCR purification
 - PCR cloning
 - Sequencing
 - Other applications requiring purified PCR fragments

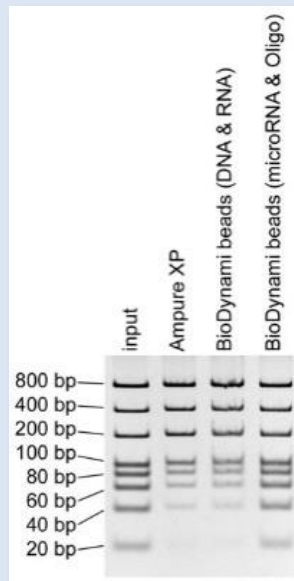


Magnetic Beads (microRNA & Oligo Purification)

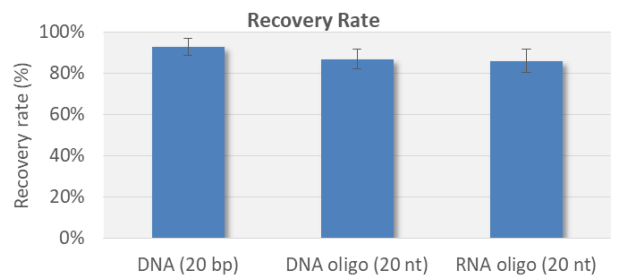
Overcomes the hurdle of the short DNA/RNA recovery problem. DNA/RNA fragments 20 bases and larger can be effectively recovered.

Features

- The **only** beads for microRNA & short DNA/RNA
 - microRNA
 - dsDNA fragments >20 bp
 - ssDNA fragments >20 nt
 - RNA fragments >20 nt
 - DNA/RNA hybrid fragments >20 nt
 - Oligo and chimeric oligo >20 nt
- Removal of unwanted components and impurities



The **Only** Beads
for
microRNA
oligo
short DNA/RNA



The **Only** Beads
for
PCR >80 bp



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The Easy and Fast Way for Nucleic Acid Purification

The **Only** Beads
for tRNA
Purification

Purify
DNA & RNA >70 nt

Remove
Larger RNA/DNA



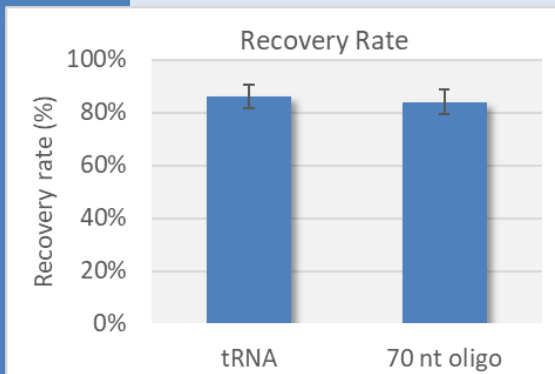
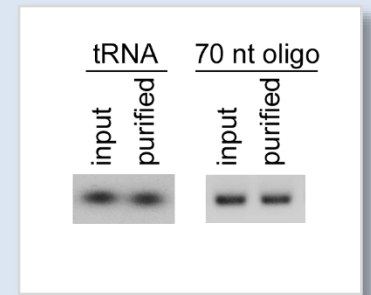
Magnetic Beads (tRNA Purification)

Overcomes the hurdle of the short DNA/RNA recovery problem. tRNA and DNA/RNA fragments 70 bases and larger can be effectively recovered.

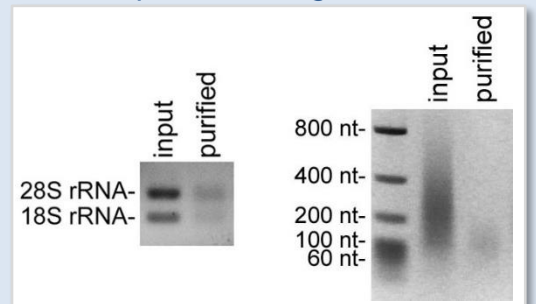
Features

- The **only** beads for tRNA purification
 - tRNA
 - RNA fragments >70 nt
 - dsDNA fragments >70 bp
 - ssDNA fragments >70 nt
 - Oligo >70 nt
- Removal of larger RNA/DNA contamination
 - 18S rRNA
 - 28S rRNA
 - RNA/DNA > 180 nt
- Removal of unwanted components and impurities

tRNA & 70 nt oligo recovery



Depletion of larger RNAs



Magnetic Beads Product list

Product Name	Cat.#
Magnetic Beads (DNA & RNA Purification)	40051
Magnetic Beads (microRNA & Oligo Purification)	40052
Magnetic Beads (PCR Purification)	40053
Magnetic Beads (tRNA Purification)	40054

More details at <https://biodynami.com/magnetic-beads/>



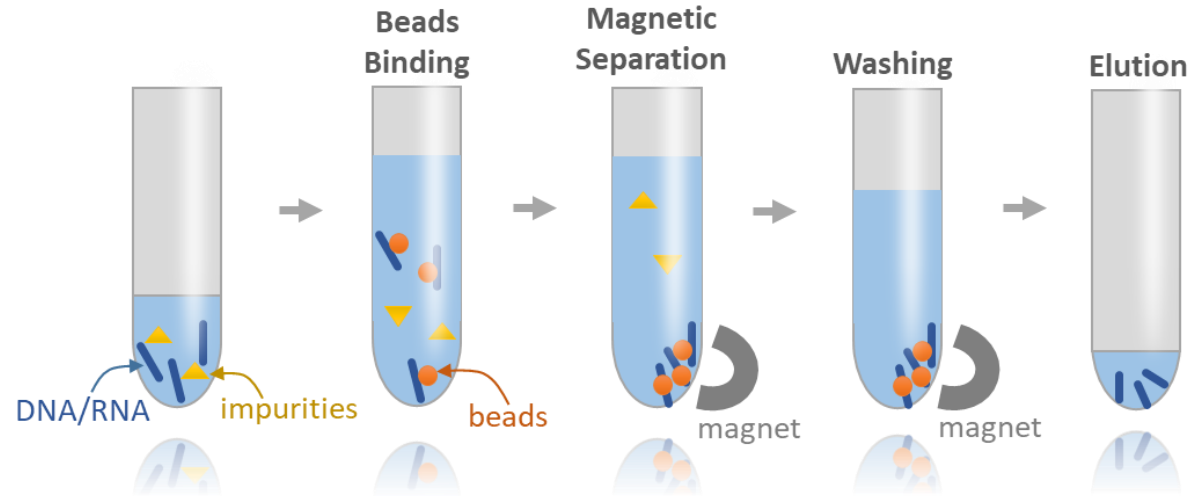
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Comparison of BioDynami Magnetic Beads

	Magnetic Beads (DNA & RNA Purification)	Magnetic Beads (PCR Purification)	Magnetic Beads (tRNA Purification)	Magnetic Beads (microRNA & Oligo Purification)
Cat. #	40051	40053	40054	40052
Feature	Save 75% of the cost	The only beads for PCR purification >80 bp	The only beads for tRNA purification	The only beads for microRNA & short DNA/RNA purification
Recovery Size	DNA fragments >100 bp; RNA fragments >200 nt	PCR amplicon >80 bp; Removal of primers <30 nt	tRNA; DNA/RNA 70 bases & larger	microRNA; DNA/RNA 20 bases & larger
Application	NGS Library preparation PCR fragment purification Genomic DNA purification DNA/RNA purification	PCR purification PCR cloning Sequencing	tRNA RNA fragments >70 nt dsDNA fragments >70 bp ssDNA fragments >70 nt Oligo >70 nt	microRNA dsDNA fragments >20 bp ssDNA fragments >20 nt RNA fragments >20 nt DNA/RNA hybrid >20 nt Oligo and chimeric oligo >20 nt

More details at <https://biodynami.com/magnetic-beads/>



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