



Advanced BioChemicals (ABC) Advance Your Future

Phone: +1-470-292-8602 Fax: +1-509-696-4035 sales@advancedbiochemicals.com

CATALOG & PRICE

Magnetic Beads Products

2023

Advanced BioChemicals, LLC
PO Box 465066
Lawrenceville, GA 30042
USA

Magnetic Beads Catalog
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Advanced BioChemicals (ABC) Advance Your Future

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Advanced BioChemicals (ABC) provide high quality and reproducible super-paramagnetic beads, consisted of a uniform solid core consisting of iron oxide clusters and hydrophilic functionalized cover layer, which are superior tools to purify biomolecules such as DNA, RNA and various proteins, etc.

Advanced BioChemicals (ABC) magnetic beads have several advantages over similar products:

- Solid core with iron oxide clusters – Fast magnetic response, fast separation;
- Excellent hydrophilicity – High binding specificity, low non-specific binding, excellent extraction effect;
- Nano-scale – Large surface area, superior efficiency in isolation and purification of molecules;
- Monodisperse magnetic beads – Easy disperse, long-lasting suspension stability.

Advanced BioChemicals (ABC) magnetic beads do give you very good experiences:

- High stability – DNA and RNA are very stable during the extraction process;
- High yield and high purity – 1-10 μ g DNA can be extracted from 200 μ l of whole blood with OD_{260/280} = 1.6-1.9 and OD_{260/230} > 2.0;
- Save lots of time – Isolate DNA or RNA in 20-30 min;
- Convenience and Eco-friendly – Whole process is performed at room temperature; No hazardous organic solvents;
- Biosafety – Cell lysis, protein deactivation, virus and bacteria are deactivated at the first step;
- Automation – no liquid-liquid mixing and separation process; therefore, the whole process can be easily automated.

Advanced BioChemicals (ABC) provide DNA/RNA purification magnetic beads, protein purification magnetic beads and functional magnetic beads. Advanced BioChemicals (ABC) also provide custom magnetic beads synthesis services on a variety of affinity coupled or structurally modified Nano-sized paramagnetic beads for covalently binding with proteins or antibodies. As a manufacture of superior magnetic beads (OEM), Advanced BioChemicals (ABC) work closely with our collaborators to develop new magnetic beads products and applications depending on the custom requirement. Please contact us at sales@advancedbiochemicals.com or by phone at +1-678-827-9993 for any questions. If you need to ask a technical question, please contact us at tech@advancedbiochemicals.com.



Protein Purification Magnetic Beads

Advanced BioChemicals (ABC) provide high quality and reproducible protein purification magnetic beads, which have several superior features that can let you enjoy your work.

- **Magnetic Separation** – Fast response, complete purification process within 30 minutes, no chromatograph, no centrifugation, maximally preserve protein activity
- **Excellent Suspension Ability** – Nanometer scale, rapid conversion from solid-phase to solution and vice versa
- **High Binding Capacity** – Efficient coupling, higher binding surface area
- **Low Non-specific Binding** – Hydrophilic microspheres, low non-specific binding
- **Compatible** with Automation and LC-MS/MS Analyses

Streptavidin Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|-------|
| MBPP-01000 | 10mg / 1ml | \$175 |
| MBPP-01001 | 20mg / 1ml | \$255 |
| MBPP-01002 | 100mg / 5ml | \$835 |

Protein A Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|-------|
| MBPP-02000 | 10mg / 1ml | \$155 |
| MBPP-02001 | 20mg / 1ml | \$225 |
| MBPP-02002 | 100mg / 5ml | \$815 |

Glutathione (GST-tag Affinity) Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|---------|
| MBPP-03000 | 25mg / 1ml | \$105 |
| MBPP-03001 | 50mg / 1ml | \$187 |
| MBPP-03002 | 200mg / 4ml | \$617 |
| MBPP-03003 | 1g / 20ml | \$2,430 |



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Ni-NTA (His-tag Affinity) Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|---------|
| MBPP-04000 | 25mg / 1ml | \$135 |
| MBPP-04001 | 50mg / 2ml | \$248 |
| MBPP-04002 | 200mg / 4ml | \$768 |
| MBPP-04003 | 1g / 20ml | \$3,224 |

Amylose (MBP-tag affinity) Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|---------|
| MBPP-05000 | 25mg / 1ml | \$210 |
| MBPP-05001 | 50mg / 2ml | \$396 |
| MBPP-05002 | 200mg / 4ml | \$1,306 |
| MBPP-05003 | 1g / 20ml | \$5,148 |

Chitin (CBD-tag Affinity) Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|---------|
| MBPP-06000 | 25mg / 1ml | \$135 |
| MBPP-06001 | 50mg / 2ml | \$187 |
| MBPP-06002 | 200mg / 4ml | \$725 |
| MBPP-06003 | 1g / 20ml | \$3,224 |

Protein A/G Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-------------|-------|
| MBPP-07000 | 10mg / 1ml | \$130 |
| MBPP-07001 | 20mg / 2ml | \$225 |
| MBPP-07002 | 100mg / 5ml | \$815 |



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DNA/RNA Purification Magnetic Beads

Advanced BioChemicals (ABC) provide high quality and reproducible DNA/RNA purification magnetic beads, which have several superior features that can let you enjoy your work.

Efficiency

- 30min DNA extraction
- 20min RNA extraction
- 6min PCR product purification
- 5min DNA size selection

Convenience

- No need for enzymatic digestion
- No liquid transfer
- Perform at room temperature
- Fully compatible with automation

Safety

- Deactivate bacteria and virus during biological sample collection
- Sample storage: room temperature
- No organic or toxic reagents

Magnetic Genomic DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|----------------|--------------------|-------|
| MBDP-01001 | 20 preps | \$75 |
| MBDP-01002 | 100 preps | \$186 |
| MBDP-01003 | 500 preps | \$880 |
| MBDP-0196A | Packed 96w plate A | \$328 |
| MBDP-0196B | Packed 96w plate B | \$338 |

Magnetic Oral Swab DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBDP-02001 | 20 preps | \$80 |
| MBDP-02002 | 100 preps | \$236 |
| MBDP-02003 | Packed 96w plate A | \$328 |



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PCR Purification Kit

| Catalog Number | Pack Size | Price |
|-------------------|-------------|---------|
| MBDP-03001 | 100 preps | \$75 |
| MBDP-03002 | 500 preps | \$225 |
| MBDP-03003 | 10000 preps | \$3,150 |

Magnetic Total NA (DNA+RNA) Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|-------------------|-------|
| MBDP-04001 | 20 preps | \$95 |
| MBDP-04002 | 100 preps | \$245 |
| MBDP-04003 | Packed 96 plate A | \$335 |
| MBDP-04004 | Packed 96 plate B | \$355 |

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Magnetic DNA Gel Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|-----------|-------|
| MBDP-05001 | 50 preps | \$75 |
| MBDP-05002 | 100 preps | \$115 |
| MBDP-05003 | 500 preps | \$428 |

Magnetic FFPE-Tissue DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBDP-06001 | 20 preps | \$115 |
| MBDP-06002 | 100 preps | \$425 |
| MBDP-06003 | Packed 96w plate A | \$510 |

Magnetic DNA Size Selection Kit

| Catalog Number | Pack Size | Price |
|-------------------|-----------|-------|
| MBDP-07001 | 20 preps | \$88 |

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| | | |
|------------|-----------|---------|
| MBDP-07002 | 100 preps | \$340 |
| MBDP-07003 | 500 preps | \$1,180 |

Magnetic Plasmid DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|----------------|-----------|-------|
| MBDP-08001 | 20 preps | \$75 |
| MBDP-08002 | 100 preps | \$125 |
| MBDP-08003 | 500 preps | \$468 |

Magnetic Tissue DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|----------------|--------------------|-------|
| MBDP-09001 | 20 preps | \$75 |
| MBDP-09002 | 100 preps | \$225 |
| MBDP-09003 | Packed 96w plate A | \$316 |

Magnetic Viral DNA Extraction Kit

| Catalog Number | Pack Size | Price |
|----------------|--------------------|-------|
| MBDP-10001 | 20 preps | \$75 |
| MBDP-10002 | 100 preps | \$225 |
| MBDP-10003 | Packed 96w plate A | \$306 |
| MBDP-10004 | Packed 96w plate B | \$316 |

Magnetic Circulating Free DNA Extraction kit

| Catalog Number | Pack Size | Price |
|----------------|-----------|-------|
| MBDP-11001 | 20 preps | \$128 |
| MBDP-11002 | 100 preps | \$458 |

Magnetic Beads for Nucleic Acid Extraction

| Catalog Number | Pack Size | Price |
|----------------|-----------|-------|
|----------------|-----------|-------|

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| | | |
|-------------------|-------|-------|
| MBDP-20003 | 100mg | \$185 |
| MBDP-20004 | 500mg | \$455 |

Magnetic Viral RNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBRP-01001 | 20 preps | \$85 |
| MBRP-01002 | 100 preps | \$235 |
| MBRP-01003 | Packed 96w plate A | \$336 |
| MBRP-01004 | Packed 96w plate B | \$346 |

Magnetic Tissue RNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBRP-09001 | 20 preps | \$85 |
| MBRP-09002 | 100 preps | \$235 |
| MBRP-09003 | Packed 96w plate A | \$346 |

Magnetic Cell RNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBRP-02001 | 20 preps | \$85 |
| MBRP-02002 | 100 preps | \$235 |
| MBRP-02003 | Packed 96w plate A | \$346 |

Magnetic FFPE-Tissue RNA Extraction Kit

| Catalog Number | Pack Size | Price |
|-------------------|--------------------|-------|
| MBRP-06001 | 20 preps | \$115 |
| MBRP-06002 | 100 preps | \$426 |
| MBRP-06003 | Packed 96w plate A | \$516 |



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Functional Magnetic Beads

Advanced BioChemicals (ABC) provide high quality and reproducible functional magnetic beads, which have several superior features that can let you enjoy your work.

- Solid core with iron oxide clusters
- Fast magnetic response
- Fast separation
- Easy disperse
- Excellent hydrophilicity
- Large surface area

Amine Magnetic Beads

| Catalog Number | Pack Size | Price |
|-------------------|-------------|-------|
| MBFB-02000 | 50mg / ml | \$156 |
| MBFB-02001 | 100mg / 2ml | \$280 |
| MBFB-02002 | 200mg / 4ml | \$520 |

Carboxyl Magnetic Beads

| Catalog Number | Pack Size | Price |
|-------------------|-------------|-------|
| MBFB-03000 | 50mg / ml | \$156 |
| MBFB-03001 | 100mg / 2ml | \$280 |
| MBFB-03002 | 200mg / 4ml | \$520 |

NHS Magnetic Beads

| Catalog Number | Pack Size | Price |
|-------------------|-------------|-------|
| MBFB-04000 | 10mg / ml | \$95 |
| MBFB-04001 | 20mg / 2ml | \$150 |
| MBFB-04002 | 100mg / 4ml | \$355 |

MAL Magnetic Beads

| Catalog Number | Pack Size | Price |
|----------------|-----------|-------|
|----------------|-----------|-------|



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| | | |
|-------------------|-------------|-------|
| MBFB-05000 | 25mg / ml | \$150 |
| MBFB-05001 | 50mg / 2ml | \$250 |
| MBFB-05002 | 200mg / 4ml | \$712 |

Silica Magnetic Beads

| Catalog Number | Pack Size | Price |
|-----------------------|------------------|--------------|
| MBFB-04001 | 100mg / ml | \$85 |
| MBFB-04002 | 500mg / 5ml | \$308 |



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Order Information

To place an order with credit card:

- Please use our secure online order system or provide credit card information by Fax: (+1)509-696-4035; Email: sales@advancedbiochemicals.com; Tel: (+1)678-827-9993.

To place an order with a Purchase Order (PO) number:

- Fax your PO to (+1) 509-696-4035;
- Email your PO to sales@advancedbiochemicals.com;
- Call (+1) 678-827-9993 with your PO number
- Mail your order form to: Advanced BioChemicals, LLC
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Additional Information

- Visit our website www.advancedbiochemicals.com to get the latest product information and promotions;
- Alternative package sizes available, contact us for more discount;
- Terms and conditions applied to all orders and services. Terms and conditions can be found at the <https://advancedbiochemicals.com/terms-of-use/>.