



**Advanced BioChemicals (ABC) Advance Your Future**

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

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# CATALOG & PRICE

## Magnetic Beads Products

**2020**

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

Magnetic Beads Catalog  
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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 $\mu$ g DNA can be extracted from 200  $\mu$ l of whole blood with OD<sub>260/280</sub> = 1.6-1.9 and OD<sub>260/230</sub> > 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](mailto: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](mailto:tech@advancedbiochemicals.com).

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## 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 / 2ml	\$330
MBPP-01002	100mg / 5ml	\$1,200

## Protein A Magnetic Beads

Catalog Number	Pack Size	Price
MBPP-02000	10mg / 1ml	\$130
MBPP-02001	20mg / 2ml	\$225
MBPP-02002	100mg / 5ml	\$880

## Glutathione (GST-tag Affinity) Magnetic Beads

Catalog Number	Pack Size	Price
MBPP-03000	25mg / 1ml	\$105
MBPP-03001	50mg / 2ml	\$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	\$818
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	\$248
MBPP-06002	200mg / 4ml	\$818
MBPP-06003	1g / 20ml	\$3,224



# Advanced BioChemicals (ABC) Advance Your Future

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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	100 preps	\$243
MBDP-01002	500 preps	\$995
MBDP-0196A	Packed 96w plate A	\$398
MBDP-0196B	Packed 96w plate B	\$398
MBDP-0160C	Packed strips	\$248

## Magnetic RNA Extraction Kit

Catalog Number	Pack Size	Price
MBRP-01001	100 preps	\$288
MBRP-01002	250 preps	\$605
MBRP-0196A	Packed 96w plate A	\$441
MBRP-0196B	Packed 96w plate B	\$544
MBRP-0160C	60 strips	\$288

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## Magnetic DNA Gel Extraction Kit

Catalog Number	Pack Size	Price
MBDP-05001	50 preps	\$55
MBDP-05002	500 preps	\$314

## Magnetic DNA Size Selection Kit

Catalog Number	Pack Size	Price
MBDP-07001	20 preps	\$88
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	\$55
MBDP-08002	100 preps	\$190
MBDP-08003	500 preps	\$790



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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-02001	100mg / 2ml	\$120
MBFB-02002	1g / 20ml	\$745

## Carboxyl Magnetic Beads

Catalog Number	Pack Size	Price
MBFB-03001	100mg / 2ml	\$120
MBFB-03002	1g / 20ml	\$745

## NHS Magnetic Beads

Catalog Number	Pack Size	Price
MBFB-04001	20mg / 1ml	\$225
MBFB-04002	100mg / 5ml	\$925





## Advanced BioChemicals (ABC) Advance Your Future

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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](mailto: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](mailto:sales@advancedbiochemicals.com);
- Call (+1) 678-827-9993 with your PO number
- Mail your order form to: Advanced BioChemicals, LLC  
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Lawrenceville, GA 30042,  
USA

### Additional Information

- Visit our website [www.advancedbiochemicals.com](http://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/>.