

# 二氧化硅磁性微球

产品宣传册

**百欧泰生物有限公司**

<http://www.biotyscience.com/>

中国 北京

# 二氧化硅磁性微球

## Silica magnetic Particles

北京百欧泰生物科技有限公司提供不同尺寸的优质二氧化硅磁性微球。本公司二氧化硅磁性微球产品有核壳式和包埋式两种类型，能够满足客户的不同实验需求。二氧化硅磁性微球产品外观粒径均一、产品批间差异小、重复性良好、产品尺寸多样，可根据客户需求定制。产品可应用于免疫分析、磁性分离及其他生物医学研究领域。

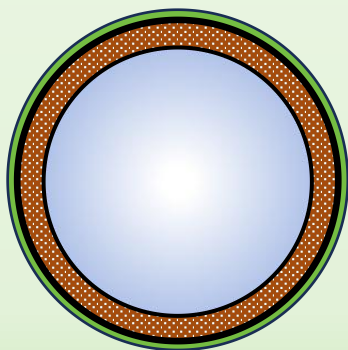
### 结构特点

核壳式二氧化硅微球：

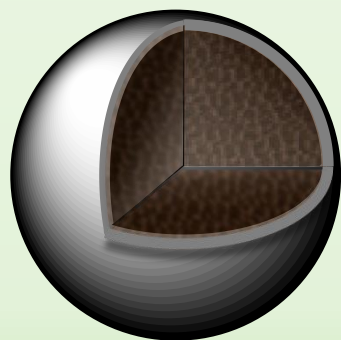
核壳式二氧化硅微球采用独特的核壳结构，内核由磁性材料构成，外壳则是高纯度的二氧化硅层。该结构使得微球具有良好的物理和化学稳定性，并能够提供额外的表面功能化空间。适用于需要高灵敏度和高稳定性的应用。

包埋式二氧化硅微球：

包埋式二氧化硅微球是由将磁性材料均匀地包埋在二氧化硅的基质中获得。该结构可以有效防止磁性降解，具有高磁响应性，和较高饱和磁化率。适用于需要快速响应和高分离效率的应用。



核壳式二氧化硅磁性微球



包埋式二氧化硅磁性微球



## 产品信息

|      |                                  |
|------|----------------------------------|
| 类型   | Silica Magnetic Particles        |
| 直径   | 0.1 um - 5 um                    |
| 规格   | 10 ml                            |
| 浓度   | 5 mg/ml or others                |
| 缓冲溶液 | DI water or others               |
| 保存温度 | Stored at 2 - 8°C. Do not freeze |

## 产品优势

- 均一的粒径大小
- 良好的化学稳定性
- 良好的生物相容性
- 分离和纯化效率高

## 产品应用

- 生物传感器
- 环境监测
- 超声成像
- 核酸分离
- 药物靶向递送



# 产品目录

## Catalog

### 包埋式氨基二氧化硅磁性微球产品

| Cat No   | Product Name                                       | Concentration | Size  |
|----------|----------------------------------------------------|---------------|-------|
| ABT-2-01 | Embedded Amino Silica Magnetic Particles, 0.1-1 um | 5 mg/ml       | 10 ml |
| ABT-2-02 | Embedded Amino Silica Magnetic Particles, 1-2 um   | 10 mg/ml      | 10 ml |
| ABT-2-03 | Embedded Amino Silica Magnetic Particles, 2-3 um   | 10 mg/ml      | 10 ml |
| ABT-2-04 | Embedded Amino Silica Magnetic Particles, 3-4 um   | 10 mg/ml      | 10 ml |
| ABT-2-05 | Embedded Amino Silica Magnetic Particles, 4-5 um   | 10 mg/ml      | 10 ml |

### 核壳式氨基二氧化硅磁性微球产品

| Cat No   | Product Name                                              | Concentration | Size  |
|----------|-----------------------------------------------------------|---------------|-------|
| ABT-2-06 | Carboxyl Silica Magnetic Particles, 0.1-1 um (Core-Shell) | 5 mg/ml       | 10 ml |
| ABT-2-07 | Carboxyl Silica Magnetic Particles, 1-2 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-08 | Carboxyl Silica Magnetic Particles, 2-3 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-09 | Carboxyl Silica Magnetic Particles, 3-4 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-10 | Carboxyl Silica Magnetic Particles, 4-5 um (Core-Shell)   | 10 mg/ml      | 10 ml |

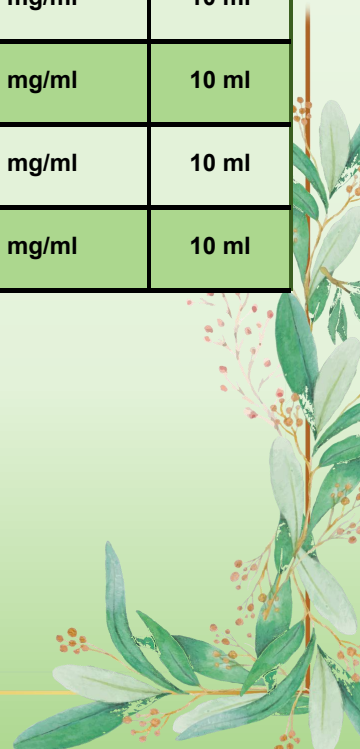


包埋式羧基二氧化硅磁性微球产品

| Cat No    | Product Name                                       | Concentration | Size  |
|-----------|----------------------------------------------------|---------------|-------|
| ABT-2-11E | Embedded Epoxy Silica Magnetic Particles, 0.1-1 um | 5 mg/ml       | 10 ml |
| ABT-2-12E | Embedded Epoxy Silica Magnetic Particles, 1-2 um   | 10 mg/ml      | 10 ml |
| ABT-2-13E | Embedded Epoxy Silica Magnetic Particles, 2-3 um   | 10 mg/ml      | 10 ml |
| ABT-2-14E | Embedded Epoxy Silica Magnetic Particles, 3-4 um   | 10 mg/ml      | 10 ml |
| ABT-2-15E | Embedded Epoxy Silica Magnetic Particles, 4-5 um   | 10 mg/ml      | 10 ml |

核壳式羧基二氧化硅磁性微球产品

| Cat No   | Product Name                                           | Concentration | Size  |
|----------|--------------------------------------------------------|---------------|-------|
| ABT-2-11 | Epoxy Silica Magnetic Particles, 0.1-1 um (Core-Shell) | 5 mg/ml       | 10 ml |
| ABT-2-12 | Epoxy Silica Magnetic Particles, 1-2 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-13 | Epoxy Silica Magnetic Particles, 2-3 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-14 | Epoxy Silica Magnetic Particles, 3-4 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-15 | Epoxy Silica Magnetic Particles, 4-5 um (Core-Shell)   | 10 mg/ml      | 10 ml |



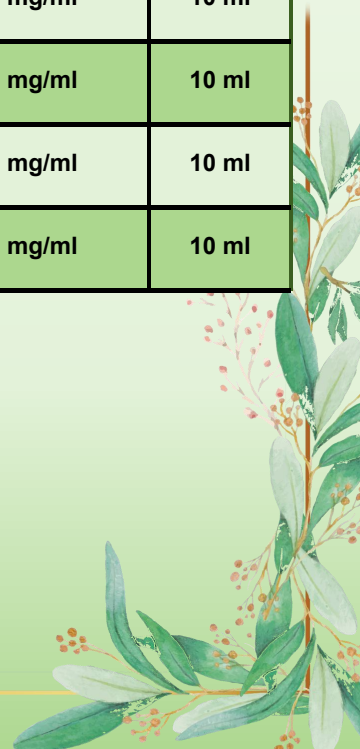


## 包埋式环氧基二氧化硅磁性微球产品

| Cat No    | Product Name                                          | Concentration | Size  |
|-----------|-------------------------------------------------------|---------------|-------|
| ABT-2-06E | Embedded Carboxyl Silica Magnetic Particles, 0.1-1 um | 5 mg/ml       | 10 ml |
| ABT-2-07E | Embedded Carboxyl Silica Magnetic Particles, 1-2 um   | 10 mg/ml      | 10 ml |
| ABT-2-08E | Embedded Carboxyl Silica Magnetic Particles, 2-3 um   | 10 mg/ml      | 10 ml |
| ABT-2-09E | Embedded Carboxyl Silica Magnetic Particles, 3-4 um   | 10 mg/ml      | 10 ml |
| ABT-2-10E | Embedded Carboxyl Silica Magnetic Particles, 4-5 um   | 10 mg/ml      | 10 ml |

## 核壳式环氧基二氧化硅磁性微球产品

| Cat No   | Product Name                                              | Concentration | Size  |
|----------|-----------------------------------------------------------|---------------|-------|
| ABT-2-06 | Carboxyl Silica Magnetic Particles, 0.1-1 um (Core-Shell) | 5 mg/ml       | 10 ml |
| ABT-2-07 | Carboxyl Silica Magnetic Particles, 1-2 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-08 | Carboxyl Silica Magnetic Particles, 2-3 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-09 | Carboxyl Silica Magnetic Particles, 3-4 um (Core-Shell)   | 10 mg/ml      | 10 ml |
| ABT-2-10 | Carboxyl Silica Magnetic Particles, 4-5 um (Core-Shell)   | 10 mg/ml      | 10 ml |



## 羟基二氧化硅磁性微球产品

| Cat No      | Product Name                               | Concentration | Size  |
|-------------|--------------------------------------------|---------------|-------|
| ABZY-1-0020 | Hydroxyl Silica Magnetic Particles, 200 nm | 10 mg/ml      | 10 ml |
| ABZY-1-0030 | Hydroxyl Silica Magnetic Particles, 300 nm | 10 mg/ml      | 10 ml |
| ABZY-1-0040 | Hydroxyl Silica Magnetic Particles, 400 nm | 10 mg/ml      | 10 ml |
| ABZY-1-0100 | Hydroxyl Silica Magnetic Particles, 1 um   | 10 mg/ml      | 10 ml |
| ABZY-1-0150 | Hydroxyl Silica Magnetic Particles, 1.5 um | 10 mg/ml      | 10 ml |
| ABZY-1-0200 | Hydroxyl Silica Magnetic Particles, 2 um   | 10 mg/ml      | 10 ml |
| ABZY-1-0300 | Hydroxyl Silica Magnetic Particles, 3 um   | 10 mg/ml      | 10 ml |
| ABZY-1-0500 | Hydroxyl Silica Magnetic Particles, 5 um   | 10 mg/ml      | 10 ml |
| ABZY-1-1000 | Hydroxyl Silica Magnetic Particles, 10 um  | 10 mg/ml      | 10 ml |
| ABZY-1-1500 | Hydroxyl Silica Magnetic Particles, 15 um  | 10 mg/ml      | 10 ml |
| ABZY-1-2000 | Hydroxyl Silica Magnetic Particles, 20 um  | 10 mg/ml      | 10 ml |
| ABZY-1-3000 | Hydroxyl Silica Magnetic Particles, 30 um  | 10 mg/ml      | 10 ml |
| ABZY-1-4000 | Hydroxyl Silica Magnetic Particles, 40 um  | 10 mg/ml      | 10 ml |
| ABZY-1-5000 | Hydroxyl Silica Magnetic Particles, 50 um  | 10 mg/ml      | 10 ml |



## C18二氧化硅磁性微球产品

| Cat No      | Product Name                          | Concentration | Size   |
|-------------|---------------------------------------|---------------|--------|
| BMB-040-C3  | C3 Silica Magnetic Particles, 400 nm  | 10 mg/ml      | 10 ml  |
| BMB-040-C8  | C8 Silica Magnetic Particles, 400 nm  | 10 mg/ml      | 10 ml  |
| BMB-040-C12 | C12 Silica Magnetic Particles, 400 nm | 10 mg/ml      | 10 ml  |
| AB-025-C18  | C18 Silica Magnetic Particles, 250 nm | 25 mg/mL      | 10 ml  |
| BMB-040-C18 | C18 Silica Magnetic Particles, 400 nm | 10 mg/ml      | 10 ml  |
| AB-15-C18   | C18 Silica Magnetic Particles, 1.5 um | —             | 500 mg |
| AB-60-C18   | C18 Silica Magnetic Particles, 6 um   | —             | 500 mg |





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