

ACCESSORY REAGENTS & COMPANION PRODUCTS

BUFFERS AND SOLUTIONS

Bangs Bead Solution

Bangs Bead Solution is a ready-to-use aqueous suspending solution for the dilution and / or storage of your uncoated plain, dyed, or functionalized polymer or magnetic microspheres. An antimicrobial agent deters microbial contamination, and stabilizers promote dispersity. See PDS 738.

Catalog Number	Description	Unit size
SOLN1	Bangs Bead Solution	500mL, 1000mL, or 2000mL

Please see BangsLabs.com for pricing or contact a local agent.

Bangs Bead Coupling Buffers

Bangs Bead Coupling Buffers are ready-to-use buffers that are available in a variety of pH levels (4.5 to 9.0). They can be used as coupling or wash buffers for polymer, silica, or magnetic microspheres. See PDS 738.

Catalog Number	Description	pH	Unit size
BUFF1	Bangs Bead Coupling Buffer	4.5	250mL, 500mL, 1000mL or 2000mL
BUFF2	Bangs Bead Coupling Buffer	6.0	250mL, 500mL, 1000mL or 2000mL
BUFF3	Bangs Bead Coupling Buffer	7.4	250mL, 500mL, 1000mL or 2000mL
BUFF4	Bangs Bead Coupling Buffer	9.0	250mL, 500mL, 1000mL or 2000mL

Please see BangsLabs.com for pricing or contact a local agent.



### Bangs Bead Storage Buffers

Our storage buffers are available in two pH levels: 7.4 and 8.5, and contain stabilizers for long-term stability of coated bead suspensions. See PDS 738.

Catalog Number	Description	pH	Unit size
BUFF5	Bangs Bead Storage Buffer	7.4	250mL, 500mL, 1000mL or 2000mL
BUFF6	Bangs Bead Storage Buffer	8.5	250mL, 500mL, 1000mL or 2000mL

Please see [BangsLabs.com](https://BangsLabs.com) for pricing or contact a local agent.

### STAINS

#### Trypan Blue

Trypan blue exclusion is a common method for the determination of cell viability. It is used extensively in biopharmaceutical cell culture programs, and for a range of research studies including apoptosis, cytopathic effects of viral infection, and effects of sample processing methods on cell viability and concentration. Our trypan blue solution is suitable for traditional manual staining and hemocytometer counting. See PDS 748.

Catalog Number	Description	Unit size
AA020	Trypan Blue 0.4% Solution	125mL
AA021	Trypan Blue 0.4% Solution	250mL

Please see [BangsLabs.com](https://BangsLabs.com) for pricing or contact a local agent.



EQUIPMENT

MAGNETIC SEPARATORS

Superparamagnetic particles have been utilized extensively in diagnostics and other research applications for the isolation of cells and biomolecules such as antibodies, nucleic acids, and polypeptides. The biomagnetic separators available from Bangs Laboratories accommodate a complete range of magnetic separation applications, including cell sorting, mRNA and DNA isolation, and the purification of biomolecules.

Our biomagnetic separators feature high-energy neodymium-iron-boron [Nd-Fe-B] magnets that ensure fast separation rates, excellent wall or well retention, and maximum yield. They are suitable for use with all of our magnetic microparticle product lines.



1.5mL Magnetic Separator

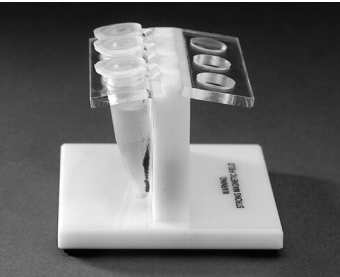
The 1.5mL Magnetic Separator is a durable plastic magnetic separation unit designed to accommodate a standard 1.5mL microcentrifuge tube for research scale magnetic separations. Upon placement of the tube on the separator, the magnet will quickly draw superparamagnetic particles to the wall of the tube and out of the solution. Once separation is complete, with particles held firmly to the wall, the supernatant may be removed. The 1.5mL Magnetic Separator is simple and easy to use with most established bead protocols. See PDS 700.

Catalog Number	Description	Capacity
LS001	1.5mL Magnetic Separator	1 – 1.5mL microcentrifuge tube

Please see BangsLabs.com for pricing or contact a local agent.

**BioMag® Multi-6 Microcentrifuge Tube Separator**

The BioMag Multi-6 Microcentrifuge Tube Separator is a durable plastic magnetic separation unit designed to accommodate six 1.5mL microcentrifuge tubes. The magnets and tube holders are positioned to efficiently separate particles from microliter volumes common in molecular biology applications. See PDS 576.

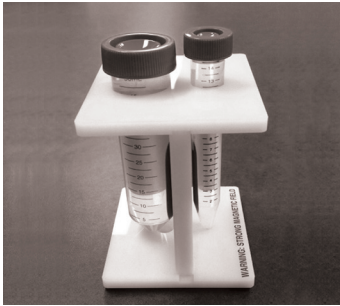


Catalog Number	Description	Capacity
MS002	BioMag Multi-6 Microcentrifuge Tube Separator	6 x 1 – 1.5mL microcentrifuge tubes

Please see BangsLabs.com for pricing or contact a local agent.

**BioMag® MultiSep Magnetic Separator**

One magnetic separator that can be used for different tube sizes is a convenient and economical alternative to having a specific magnetic separator for each tube size. The MultiSep can be used with 50mL, 15mL, or 1.5mL centrifuge tubes and has a simple robust design. The MultiSep is well suited for those labs that do not need to perform simultaneous magnetic particle separations. See PDS 598.

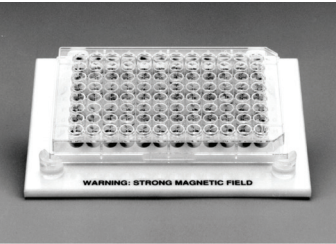


Catalog Number	Description	Capacity
MS001	BioMag MultiSep Separator	1.5mL, 15mL, or 50mL centrifuge tubes

Please see BangsLabs.com for pricing or contact a local agent.

**BioMag® 96-Well Plate Separator**

The BioMag 96-Well Plate Separator (bottom pull) is a durable magnetic separation unit designed to accommodate most 96-well plates. The magnetic separator consists of permanent magnets enclosed in a plastic frame. See PDS 575.



Catalog Number	Description	Capacity
MS003	BioMag 96-Well Plate Separator	96-well plate (bottom pull)

Please see BangsLabs.com for pricing or contact a local agent.