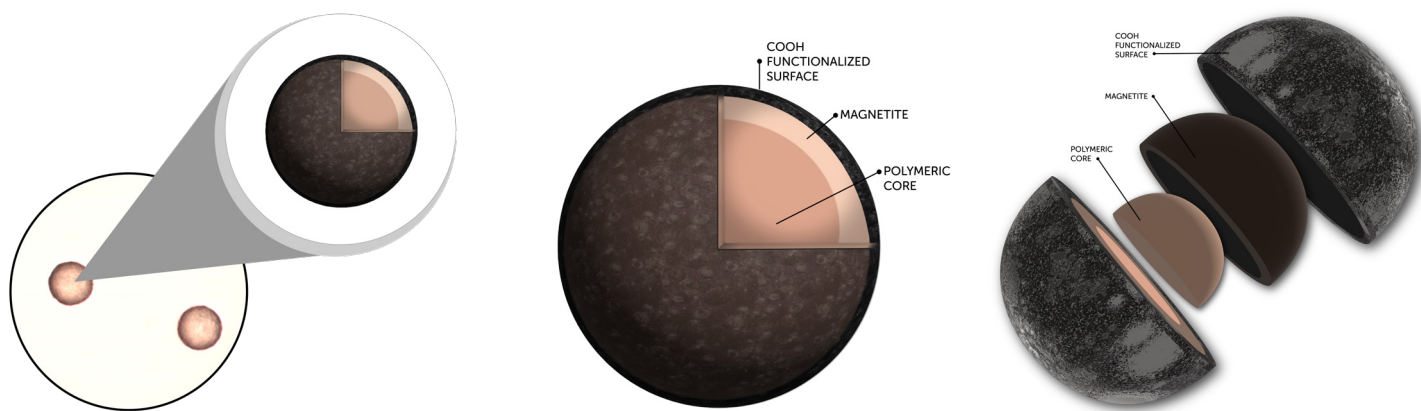


DESCRIPTION

Magzilla™ is a large polymer microsphere with internal magnetic layers. The surface contains COOH groups for the covalent attachment of a ligand or nucleic acid of your choosing for a variety of applications including single bead / well assays or sequencing.

CHARACTERISTICS

Mean Diameter:	~30µm
Mean Diameter Range:	~30 - 34µm
Size %CV:	≤ 10 %
Functionality / Surface:	COOH, ~50-70 µeq/g microspheres
Surface titer:	50 – 70µeq COOH / g microspheres
Concentration:	1% solids (10mg/mL) in DI water + 0.05%NaN ₃
Magnetic separation:	≤ 35sec
Magnetite:	~6%



Magzilla viewed under light microscopy (450x) with concept of particle structure.

STORAGE AND STABILITY

Store at 2-8 °C. Freezing of particles may result in irreversible aggregation and loss of binding activity. Ensure that the suspension is well-dispersed prior to use, as particles are expected to settle during storage.

SAFETY

Particle suspensions contain sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Safety Data Sheet for more information.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

ORDERING INFORMATION

Cat. Number	Description	Sizes
MC07001	Magzilla™	≤ 10 %

Order online anytime at www.bangslabs.com.

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