

### Glass Beads, 0.5 mm, RNase-free

#### Overview

Glass grinding media provided by Next Advance is ideal for the homogenization of biological samples. The low density of the material makes it suitable for the homogenization of soft tissues and easy-to-lyse cell culture.

RNase-free glass beads undergo a controlled cleaning process and are required to meet lot-specific certification criteria. Each lot is tested, verified, and certified to be free of detectable RNase activity.

#### Uses

- General-purpose bead beating in bead mill homogenizers for large soft biological samples.
- Homogenize samples to release DNA or other molecules of interest.
- Compatible with all Bullet Blender homogenization models.

#### Example Sample Types

- Bacteria and mammalian cell culture.
- Cells with thin or no cell walls.
- Including other samples with similar characteristics.

#### Specifications

<b>Product Amount</b>	4 mL
<b>Shape</b>	Spherical
<b>Material</b>	Glass
<b>Composition</b>	Type S lead free glass
<b>Specific Density</b>	~ 2.5 g/cm <sup>3</sup>
<b>Bulk Density</b>	~ 1.5 g/cm <sup>3</sup>
<b>Average Size</b>	0.5 mm ± 0.08 mm

#### Usage Statement

This product is intended solely for research and laboratory use. It is not intended for use in humans or animals, nor for any clinical, diagnostic, or therapeutic applications. Users are responsible for ensuring compliance with all applicable standards and regulatory requirements relevant to their specific workflows.

