

## Stainless Steel Beads, 0.5 mm, RNase-free

**Overview**

Stainless steel grinding media provided by Next Advance is ideal for the homogenization of biological samples. The small size and higher density of the material make it suitable for the homogenization of tough cell culture.

RNase-free stainless steel 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 tough samples.
- Homogenize samples to release DNA or other molecules of interest.
- Compatible with all Bullet Blender homogenization models.

**Example Sample Types**

- Small tough tissue samples like tumor tissue or muscle.
- Bacteria and cell culture.
- Yeast, algae, fungi.
- Including other samples with similar characteristics.

**Specifications**

<b>Product Amount</b>	4 mL
<b>Shape</b>	Spherical
<b>Material</b>	Stainless Steel
<b>Composition</b>	300 series stainless steel
<b>Specific Density</b>	~ 7.8 g/cm <sup>3</sup>
<b>Bulk Density</b>	~ 5.5 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.

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