STEMprep™ Sample Tubes

For processing samples with STEMprep™ Tissue Dissociator

Catalog #200-0800 25 Units

STEMCELL™ TECHNOLOGIES
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Product Description

STEMprep™ Sample Tubes are specially designed for use with the STEMprep™ Tissue Dissociator instrument. The instrument drives an internal rotor in each STEMprep™ Sample Tube, enabling robust and efficient dissociation of a wide variety of tissue types.

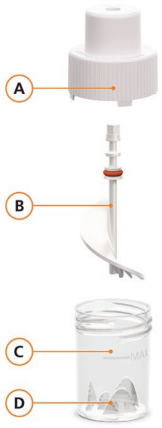
Properties

Stability and Storage:	Store at 15 - 25°C. Stable until expiry date (EXP) on label.
Usage:	Single use only
Tissue Size:	20 - 4000 mg
Min/Max Volume:	1 - 10 mL NOTE: The total combined sample volume should not exceed the “MAX” line indicated on the tube.
Maximum Rotational Speed:	3000 RPM in forward direction; 40 RPM in reverse direction
Maximum Total Revolutions:	4000 revolutions

Directions for Use

STEMprep™ Sample Tubes come fully assembled. Each tube consists of a lid, a rotor, and a reservoir with blades (Figure 1). To open, turn the lid counterclockwise to separate the lid and rotor from the reservoir. Secure the lid by turning it clockwise, past the initial resistance, until it stops firmly and cannot be tightened any further.

For complete instructions on using STEMprep™ Sample Tubes, refer to the Technical Manual: STEMprep™ Tissue Dissociator (Document #10000030598), available at www.stemcell.com, or contact us to request a copy.



A. Lid
B. Rotor
C. Reservoir
D. Blades

Figure 1. STEMprep™ Sample Tube

Notes and Tips

The maximum amount of sample size is dependent on the STEMprep™ protocol. For optimal results and to avoid damage to the tubes, it is recommended to pre-cut the tissue into pieces (< 500 mg) before loading it into the Sample Tubes.

The tubes may be damaged if hard material, such as bone, is used.

If the lid and rotor become separated, the rotor can be reinserted into the lid. However, disassembling the lid from rotor is not recommended, as it may compromise sealing performance and could result in sample loss.

Related Products

For more information about STEMprep™ kits and protocols, visit www.stemcell.com/stemprep, contact us at techsupport@stemcell.com.