

# Grinding Jar Sets

For efficient disruption of 2 large samples on the TissueLyser

## Product Contents

Grinding Jar Set	S. Steel	Teflon
Catalog no.	69985	69986
Grinding Jar (10 ml)	2	2
Grinding Ball (20 mm)	2	2

## Storage Conditions

Grinding Jar Sets should be stored dry at room temperature (15–25°C).

## Product Description

Grinding Jar Sets are designed for efficient and user-friendly disruption of 2 large samples (4–10 ml of sample per jar) using the QIAGEN® TissueLyser. Each grinding jar is opened and closed by a screwing mechanism, and can hold one grinding ball.

## Important Notes

- Grinding Jar Sets can be used for sample disruption, either after freezing the sample in liquid nitrogen, or at room temperature using QIAGEN lysis buffers.
- Grinding Jar Sets can be cleaned with washing-up liquid, microbicides, 96% ethanol, and water.
- Do not autoclave or heat-sterilize the Grinding Jar Sets.

## Procedure

**IMPORTANT:** Read the *TissueLyser Handbook* and the TissueLyser operating instructions before starting a disruption procedure.

Screw each grinding jar open, and add one grinding ball and the sample to be disrupted. We recommend using stainless steel grinding balls for disrupting hard samples, such as bone, as well as for disrupting samples in liquid nitrogen. For all other disruptions, we recommend using teflon grinding balls. Tightly screw the grinding jars closed. Place the grinding jars into the TissueLyser holders (arms), and close the handles tightly. Do not use the TissueLyser with only one grinding jar, since this will imbalance the machine and decrease disruption efficiency. Disrupt the sample according to the recommended kit protocol.

# Ordering Information

Product	Contents	Cat. no.
Grinding Jar Set, S. Steel	2 Grinding Jars (10 ml), 2 Stainless Steel Grinding Balls (20 mm)	69985
Grinding Jar Set, Teflon	2 Grinding Jars (10 ml), 2 Teflon Grinding Balls (20 mm)	69986
<b>Related products</b>		
TissueLyser	Universal laboratory mixer-mill disruptor	Inquire
TissueLyser Adapter Set 2 x 24	2 sets of Adapter Plates and 2 racks for use with 2 ml microcentrifuge tubes on the TissueLyser	69982
TissueLyser Adapter Set 2 x 96	2 sets of Adapter Plates for use with Collection Microtubes (racked) on the TissueLyser	69984
Stainless Steel Beads, 5 mm (200)	Stainless Steel Beads, suitable for use with the TissueLyser system	69989
Tungsten Carbide Beads, 3 mm (200)	Tungsten Carbide Beads, suitable for use with the TissueLyser system	69997
Collection Microtubes (racked, 10 x 96)	Nonsterile polypropylene tubes (1.2 ml), 960 in racks of 96	19560
Collection Microtube Caps (120 x 8)	Nonsterile polypropylene caps for collection microtubes (1.2 ml) and round-well blocks, 960 in strips of 8	19566

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