

# Sample Grinding Kit

80-6483-37

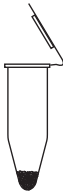
## Product protocol card

### Intended use

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

### Product protocol

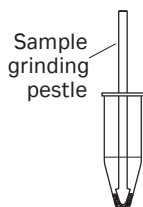
Step	Action
1	Briefly centrifuge grinding tube. Remove supernatant with micropipette. <b>Duration:</b> 1 min



Step	Action
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- |   |   |
|---|---|
| 2 | Add sample (up to 100 mg) and extraction solution (200–300 $\mu$ L). Grind sample thoroughly with pestle. |
|---|---|

**Duration:** 1 min



**Tip:**

*Tissue can be cut up with a scalpel or frozen with liquid nitrogen and broken with mortar and pestle to yield tissue fragment. Cell suspensions can be centrifuged with the grinding resin and resuspended in extraction solution.*

*Extraction solution should be limited to 200–300  $\mu$ L during grinding to prevent liquid from splashing out of the tube. Additional extraction solution may be added to the tube following grinding (up to 1 mL)*

- |   |                                  |
|---|----------------------------------|
| 3 | Centrifuge out resin and debris. |
|---|----------------------------------|

**Duration:** 5 - 10 min



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|---|-----------------|
| 4 | Collect sample. |
|---|-----------------|



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