

WISBIOMED Cat# NA-01R

Next Advance Bullet Blender
Quick Reference Card

Sample tube: Use screw cap tubes or snap cap with parafilm sealed
Cat# NA-TUBES1EP5-S

Sample assembly:

1. Sample size: 10~300mg, pre-cut if needed
2. Ratios: Sample:Beads:Buffer: 1:1:2 by volume
3. Keep total volume <1.6ML in 2ML tubes
or <1.2ML in 1.5ML tubes

Load the homogenizer:

1. No need to balance, but place a few empty tubes if you have less than 4 sample tubes
2. Space out the tubes if you have less than 24 samples

Operation:

1. Load tubes
2. Close lid
3. Set timer: normally 2 to 5 minutes
4. Set speed: normally at 8, 9 or 10
5. Push "start"
6. ONLY open the lid when the machine is stopped. Otherwise your sample tubes may fly out!!

What if:

1. Not homogenized completely. Either increase the speed or extend the time. REMEMBER to transfer the sample to a new tube.
2. Tube broken:
 - a. none infectious samples leaked or broken: let the device dry, flip the device upside down to let the broken tube pieces out
 - b. infectious samples: Call for instructions of opening the device. Keep the device in side a biosafety hood.