

## DESCRIPTION FOR SAPPHIRE FREEZING

### Method:

#### 3 mm flat carrier A with 100 $\mu\text{m}$ side up - Sapphire – 300 $\mu\text{m}$ spacer ring

1. Place a flat carrier "type A" with 100  $\mu\text{m}$  cavity up inside the middle plate. Add media to the carrier.
2. Take out sapphire in horizontal position and invert them so that the cells are facing down. Do this as fast as possible.
3. Hold the sapphire 45 degrees and align the edge of the sapphire within the recess of the carrier and let it fall down slowly.
4. Add the 300  $\mu\text{m}$  spacer ring.
5. Blot the excess away as described above.
6. Shift the middle plate on the half cylinder and freeze.

