

grouping worms on agarose slides for imaging

required items:

agarose

microscopy slides

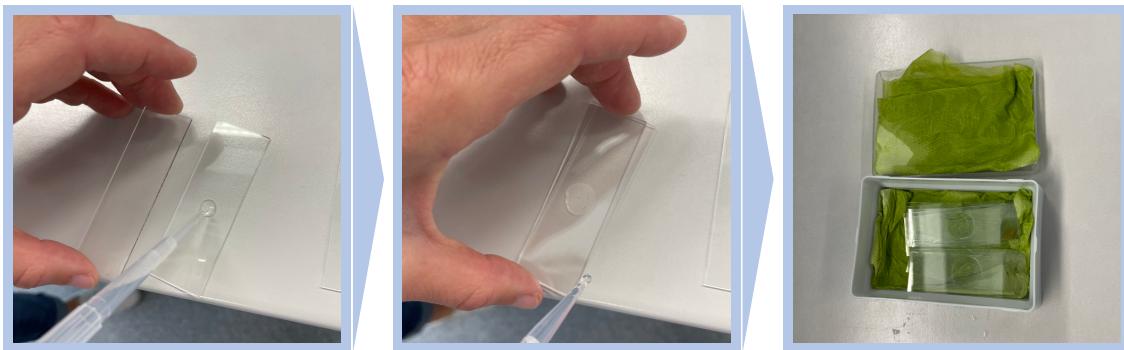
humid chamber (e. g. pipette tip box with humid paper towels)

10 mM tetramisole

worm pick

prepare slides with agarose patches:

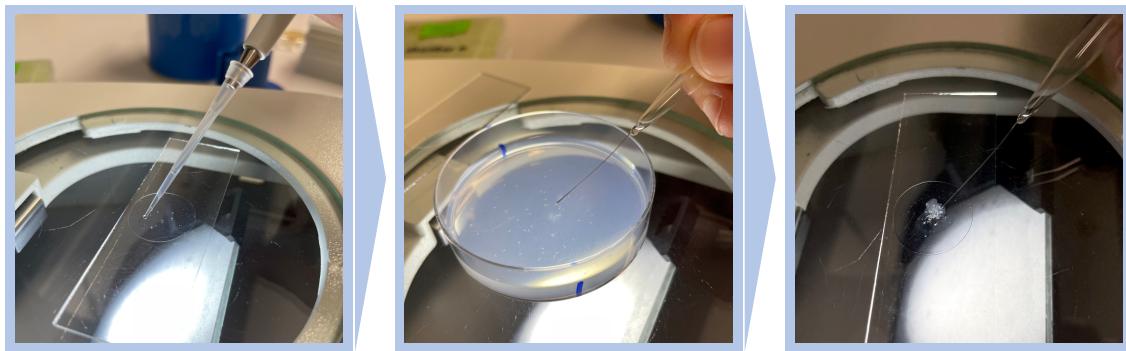
1. Dissolve 2% agarose in water. Pipette one drop of melted agarose on a slide and cover immediately with another slide.
2. Keep both slides with the patch stuck together and store the slides in a humid chamber in the fridge until use.



It is important that the agarose patches do not desiccate as a soft and moist patch enables to move the worms around easily.

group worms on agarose patch:

1. Pipette a drop of 10 mM tetramisole onto the agarose patch.
2. Pick as many worms as required into the drop.
3. Wait until the worms are barely moving – that might require an additional drop of tetramisole.



4. Using a worm pick drag the worms out of the liquid into groups.
5. Wait until the liquid has been sucked up by the agarose patch, the worms will be automatically drawn together.



You can always “revive” the worms by adding more tetramisole or make them stick together by dragging either the liquid away from the worms or dragging the worms out of the liquid.