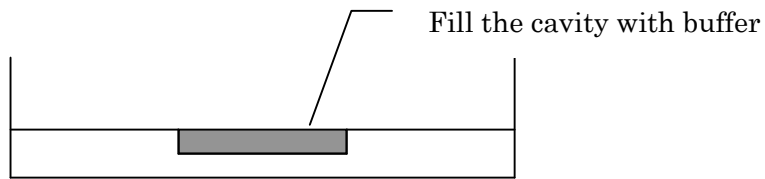
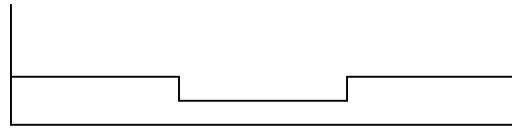
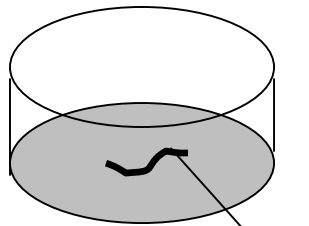


CUY701P-5E



Membrane filter
Millicell-CM (Millipore)

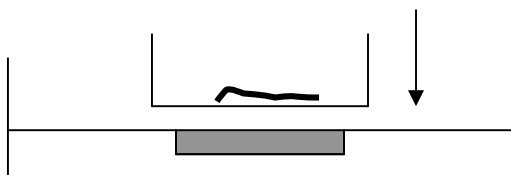


Place a sample on the membrane filter

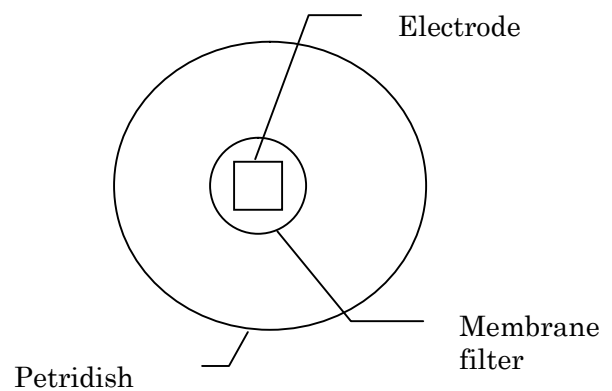


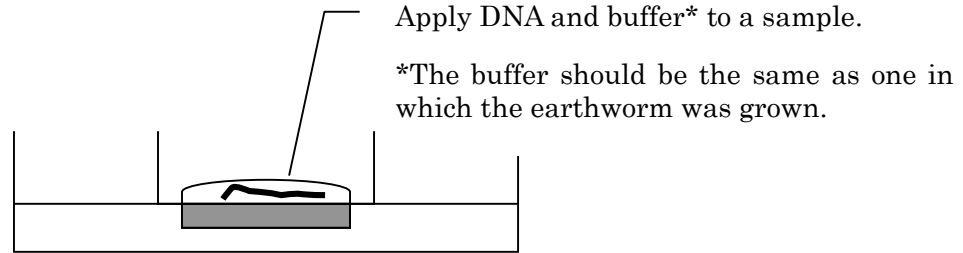
Place a membrane filter on the cavity of the petridish

Side view

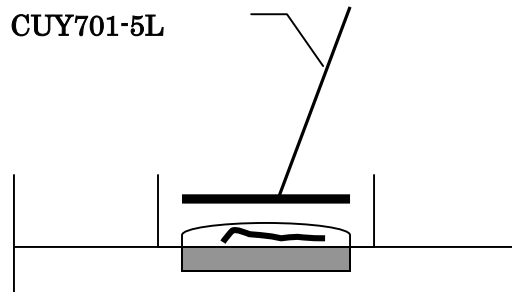


Top view





Place an electrode CUY701-5L on the top of the droplet



Set the following parameters of CUY21EDIT

Voltage	1. Measure the actual resistance (Ω) of the sample 2. Calculate the appropriate voltage from the measured resistance and recommended current. The current for this application is in the range from 0.05mA to 0.15mA. 3. Set the voltage calculated by Ohm's law
P on	5 msec
P off	100 msec
N	5 x 5 *

*Please see Figure 1. 5 pulses should be applied from upper (electrode) to lower (petridish) and 5 pulses should be applied reversely by switching the colored code (black/red) from one to another. DNA will be transformed into the tissue of earthworm from the upper side and after switching codes from the bottom.

Figure 1

