

ARENA

Measures the overall activity of an adult *C.elegans* population on agar in 6-w, 24-w or 35mm plates.



ARENA

Key Applications:

- **Activity assay:** measure the decline of spontaneous locomotion. You get the average activity value per well and per 15-min increment time bins.
- **Stress assays** (Heat, UV, ROS, paraquat etc.): The activity measurement is uninterrupted during the recording period (30mins to multiple weeks).
- **Thermotolerance:** The ARENA controls and maintains temperatures from 20 to 37°C.
- **Chemotaxis:** Software only. Available in September.