RegMedNet In focus

EVIDENT OLYMPUS

Automating cell culture monitoring

Evaluating cell cultures can be a time consuming and subjective process. How can automating cell culture monitoring help?

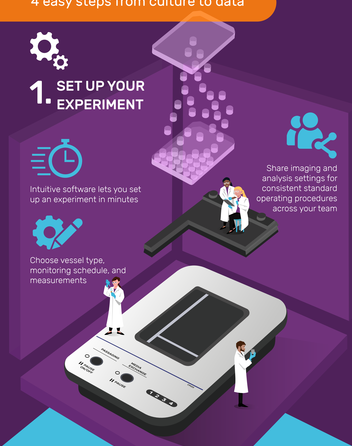
4 easy steps from culture to data

1. SET UP YOUR EXPERIMENT

Intuitive software lets you set up an experiment in minutes

Choose vessel type, monitoring schedule, and measurements

Share imaging and analysis settings for consistent standard operating procedures across your team



2. THE CM20 MONITORS YOUR CELLS SAFELY FROM THE INCUBATOR WHILE YOU'RE AWAY

Reduces time vessels are outside of the incubator

630nm red LED reduces risk of phototoxicity

Engineering controls ensure no impact on your incubation environment

3. FEED, PASSAGE, OR OTHERWISE MANIPULATE YOUR CELLS AS YOU WOULD NORMALLY

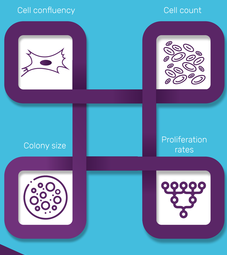
Get notified when cells have reached desired confluence

Manipulate cells on your schedule without worrying about interrupting imaging

Automatically track every time you feed or passage your cells

The thin, flat shape keeps the rest of your incubator free for other cultures

4. SEE RESULTS



Make actionable decisions throughout development

IN DEVELOPMENT

- Reduce variability and user bias by using standardized analysis parameters
- Determine optimal cell growth conditions in less time
- Reduce labor investment in cell culture

DURING SCALE UP

- Qualify new cell lines early and consistently
- Automate documentation of cell growth
- Compare culture expansion to past data to identify problems early
- Image large multilayer flasks

This infographic has been created as part of a RegMedNet In Focus feature in association with Evident.

RegMedNet In focus

EVIDENT OLYMPUS