

# EVE™

## Automatic cell counter

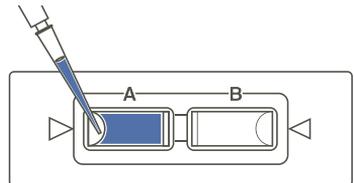


# EVE™, Automatic cell counter

Instructions for using EVE™, Automatic cell counter described below.  
For detailed instructions, refer to the manual supplied with EVE™ or  
download the manual from [www.nanoentek.com](http://www.nanoentek.com).

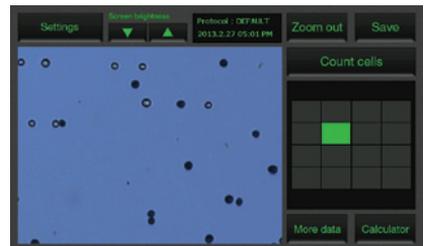
## 1. Load sample & insert slide

- ▶ Mix well the 10  $\mu$ L of sample and the 10  $\mu$ L of 0.4% trypan blue stain using a pipette.
- ▶ Load 10  $\mu$ L of the sample mixture on EVE™ Cell counting slide (side A) using a pipette.
- ▶ Insert the slide into the slide port of the instrument, sample side (side A) first.



## 2. Optimize image

- ▶ Press **Zoom** button and adjust the image using the Focus knob.  
☞ Check the reference image for correct analysis. (next page)
- ▶ Use the grid to navigate the slide and check the image in several fields.
- ▶ Lock focusing using **Focus lock** knob if necessary



## 3. Count cells

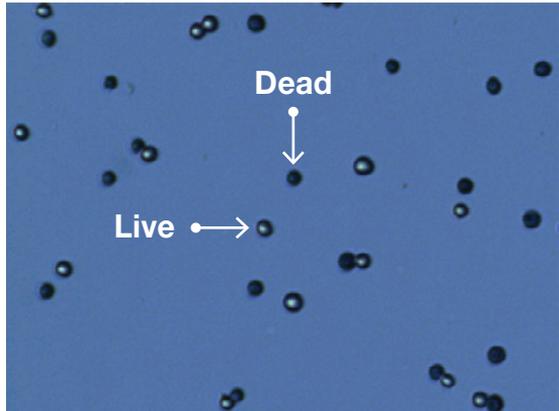
- ▶ Press **Count cells** button to obtain the results.
- ▶ Record cell count.
- ▶ Press **More data** button to see data details as well as graphical representation of data.
- ▶ To read the second side of slide (side B), remove and turn around the slide, and repeat the 1 ~ 3 procedures with the side B.



## The reference images for correct analysis

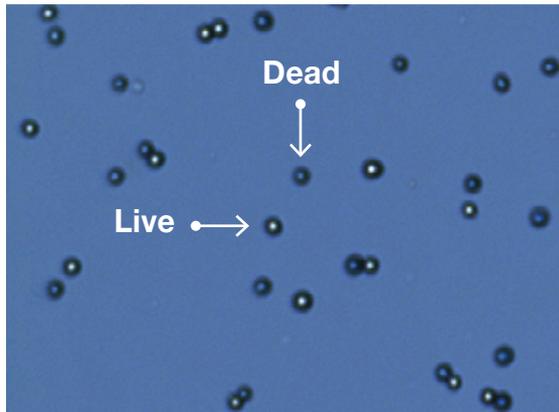
### <Correct image>

Live cells have bright centers and dark edges.



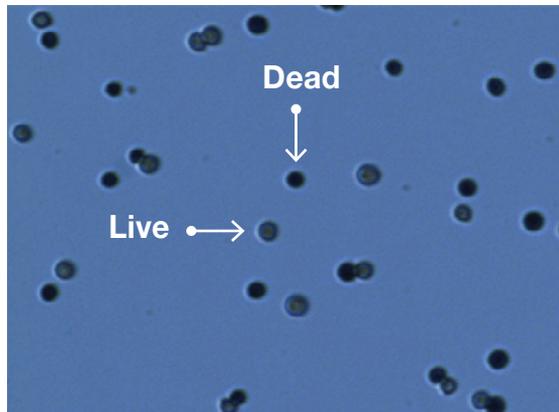
### <Incorrect image 1>

Dead cells have bright, blue centers and are counted as the live cells.



### <Incorrect image 2>

Live cells have dark centers and are counted as the dead cells.



**EVE™** *Automatic cell counter*

Nano**En**Tek

NESMQ-EVE-001E (V.0.5)

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