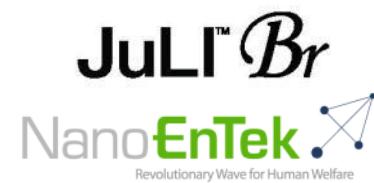


JuLI™ Br

Live cell movie analyzer



www.nanoentek.com

sales@nanoentek.com

NanoEnTek Inc. (HQ)

12F, Ace High-end Tower, 235-2,
Guro3-dong, Guro-gu, Seoul,
152-740, Korea

Tel : +82-2-6220-7913
Fax : +82-2-6220-7721

NanoEnTek Inc. (USA)

300 Washington St, STE 416 Newton,
MA 02458

Tel : +1-617-965-1414
Fax: +1-617-965-1415

Discover what happened on your cells

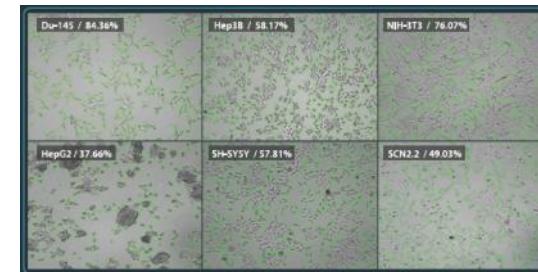
With JuLI Br

Time-laps image capture & movie



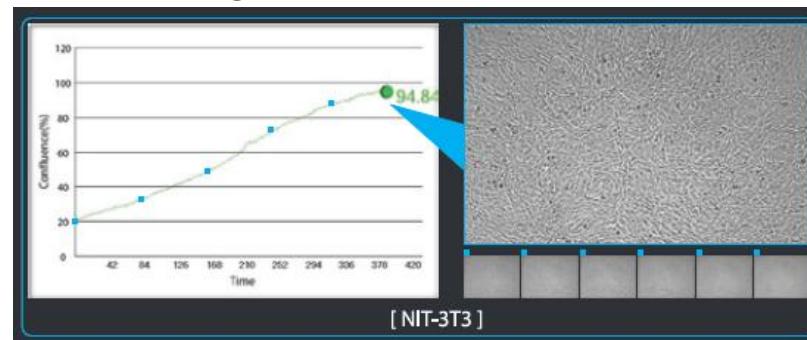
Cell-growth images were captured for 60 hours with 10 minute interval in Hep3B cell line.

Quantitative cell confluence



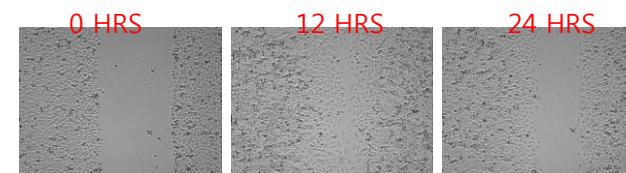
Cell confluence are analyzed in various cell lines using JuLI Br.

Real-time cell growth curve

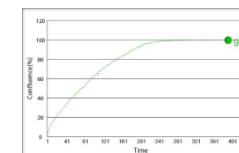


NIH-3T3 cells growth were observed 65 hours through JuLI Br. All images were recorded every 10 minute and analyzed monolayer confluence.

Cell Migration (wound healing) assay



[Wound healing progress images]
HeLa cells were incubated for 40 hours after scratch. JuLI Br calculated the confluence with growth of surface unfarmed automatically.



[Wound healing progress graph]
Wound confluence can be graphed to quantitatively analysis the recovering the surface of wound closing.

Capture live cell images and convert to movies
sequential time-lapse images are stored and can be converted to movie file automatically

Automated cell confluence detection
quantified cell confluence results without variation

Real-time cell growth curve
applicable long-term monitoring more 72 hours

Inside incubator
operate inside your cell-culture incubator

10.1" color LCD touch screen
system controlled on the touch-screen

Dual system (*Optional)
compare the control and the experimental sample using dual system at same time

Just capture & record through LCD touch screen!



Applications

- Cell growth monitoring
- Cell confluence detection
- Cell migration (Wound healing) assay
- Cell culture quality control
- Proliferation assay

It works inside your incubator!!

Station unit



Specifications

Cat no	JULI-BR04 (Full set) JULI-BRSC (Scope)
Magnification	Objective 4 X and digital zoom (~ 400 X)
Camera	2592 x 1944 pixels (5M)
Image resolution	2560 X 1920 pixels
Exported formats	JPEG (image), AVI (movie), XLS (law data)
Display	10.1" LCD touch screen
Light source	White LED (40,000 hrs lifetime)
Dimensions & Weight	Scope: 300 x 190 x 188 mm, 3.6 kg Station: 282 x 285 x 160 mm,
Storage	320 GB Hard drive 4 GB USB drive