



It works
inside incubator !

Nano**EnTek**

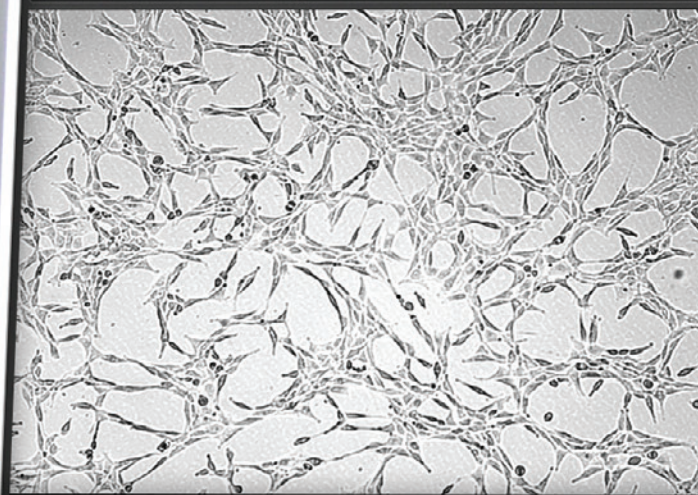
JuLI™ *Br*

Focusing

Monitoring

Data

Settings



Channel 1



+

Zoom in

-

Zoom out

Scale



Exposure 10 %

Brightness 10 %

00.00%

Confluence

Capture

JuLI™ *Br* Live cell movie analyzer

NanoEnTek

Meet JuLI™ Br to meet your needs for live cell imaging

Increasing number of researchers are using live-cell imaging to study cellular functions. The JuLI™ Br, a smart Bright-cell movie analyzer, was developed to enable a variety of biological experiments for live cell imaging.

Automated cell confluence detection

quantified cell confluence results with low variation



10.1" color LCD touch screen

user friendly interface



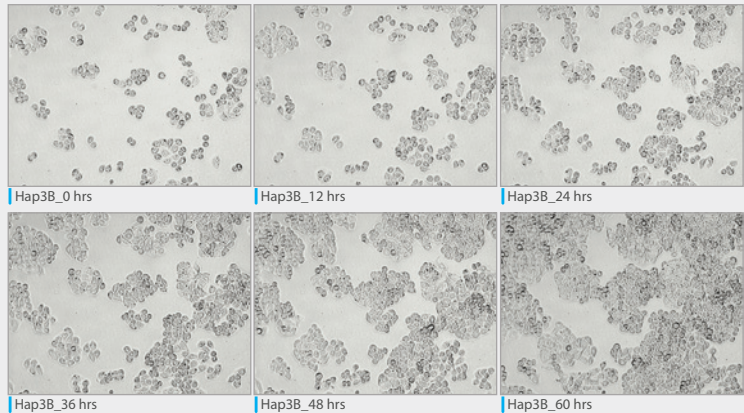
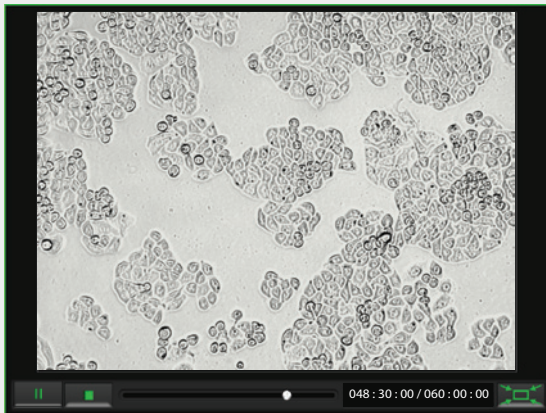
Dual system (*Optional)

compare control and experimental samples using dual system, concurrently



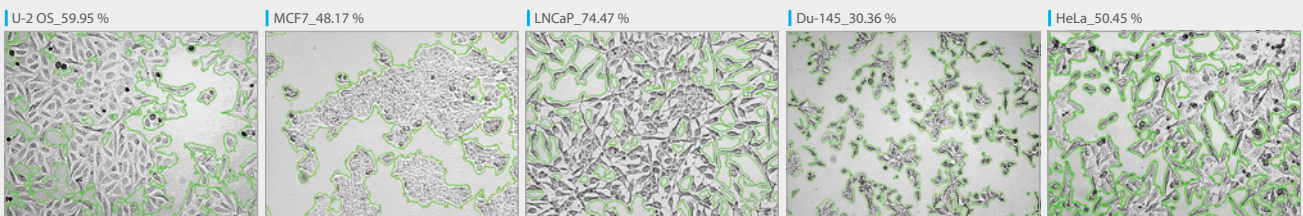
Time-lapse image capture & recording movie

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



Automated quantitative cell confluence analysis

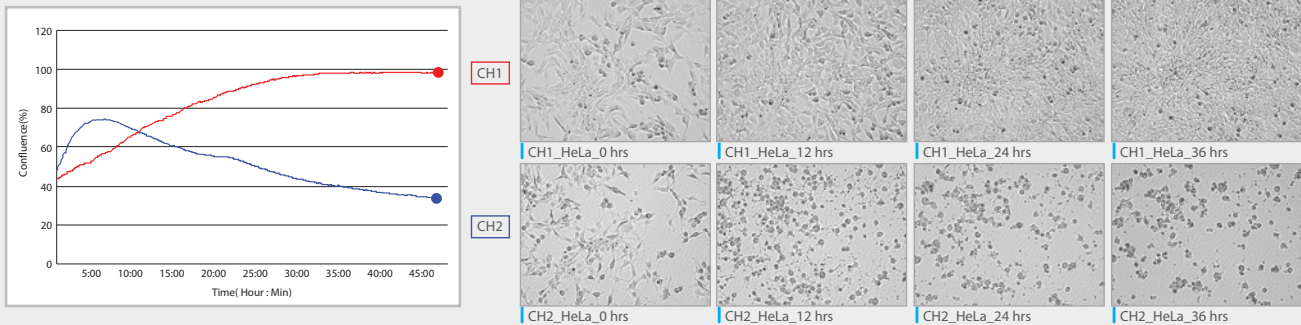
Cell confluence determined various cell lines using JuLI™ Br.



Just capture images, record movies with LCD touch screen!

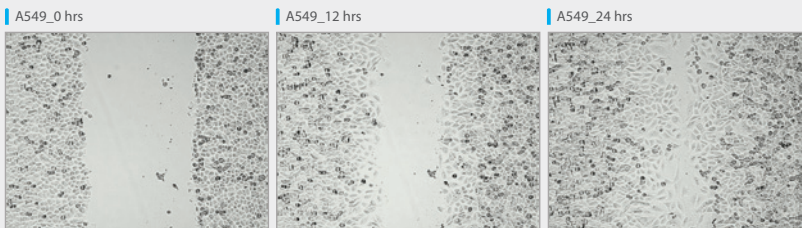
Real time cell growth curve

HeLa cells growth were observed 40 hours with 10 minutes intervals and analyzed monolayer confluence using JuLI™ Br. For apoptosis assays, experimental group (channel 2) was treated Staurosporine.



Cell migration (wound healing) assay

[Wound healing progress images]
A549 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.

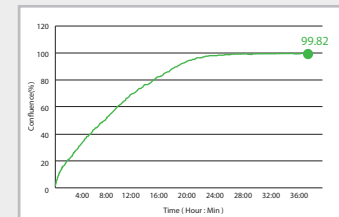
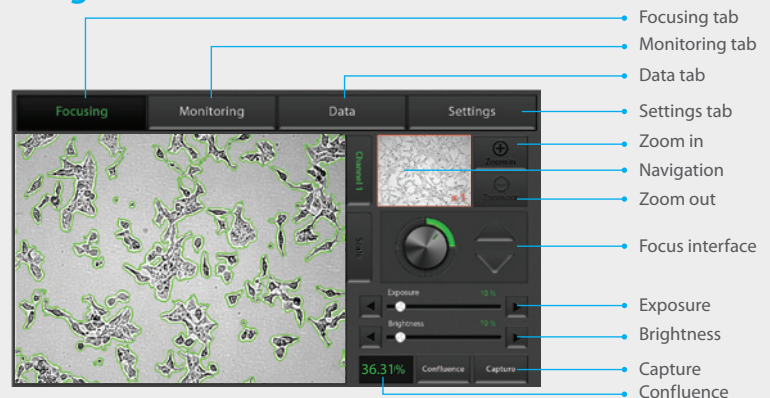
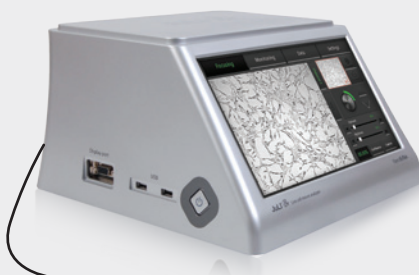


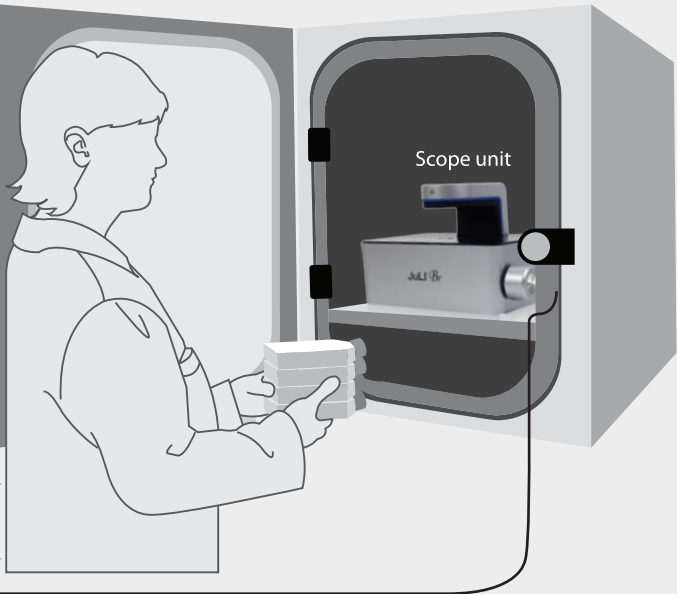
Image control

Station unit



● Specification

Cat no	Device
	JULI-BR04 (Single set, 1 Scope & 1 Station)
	JULI-BRD04 (Dual set, 2 Scopes & 1 Station)
	JULI-BRSC (2 nd Scope)
	Accessory
	JULI-BRCM (Counting starter kit)
	JULI-BRTB (XY Stage)
Magnification	Objective 4 X and digital zoom (~ 400 X)
Image resolution	2560 x 1920 pixels (5M)
Exported formats	JPEG (image), AVI (movie), CSV (raw data)
Display	10.1" LCD touch screen
Light source	White LED
Dimensions & Weight	Scope: 300 x 190 x 188 mm, 4 kg
	Station: 282 x 285 x 160 mm, 3.2 kg
Storage	320 GB Hard drive
	4 GB USB drive





Live cell movie analyzer

NanoEnTek

NESCT-JUB-001E(V.1.5)

Demo request

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