

NeoClear Tissue clearing Rapid

- #Cat: NB-80-00001 Size: 60ml
- #Cat: NB-80-00003 Size: 60ml
- #Cat: NB-80-00005 Size: 1set
- #Cat: NB-80-00005-CA Size: 20ml (Max.30ml)
- #Cat: NB-80-00005-CB Size: 50ml (Max.60ml)
- #Cat: NB-80-00007 Size: 60ml

The rapid tissue clearing for the large volume sample



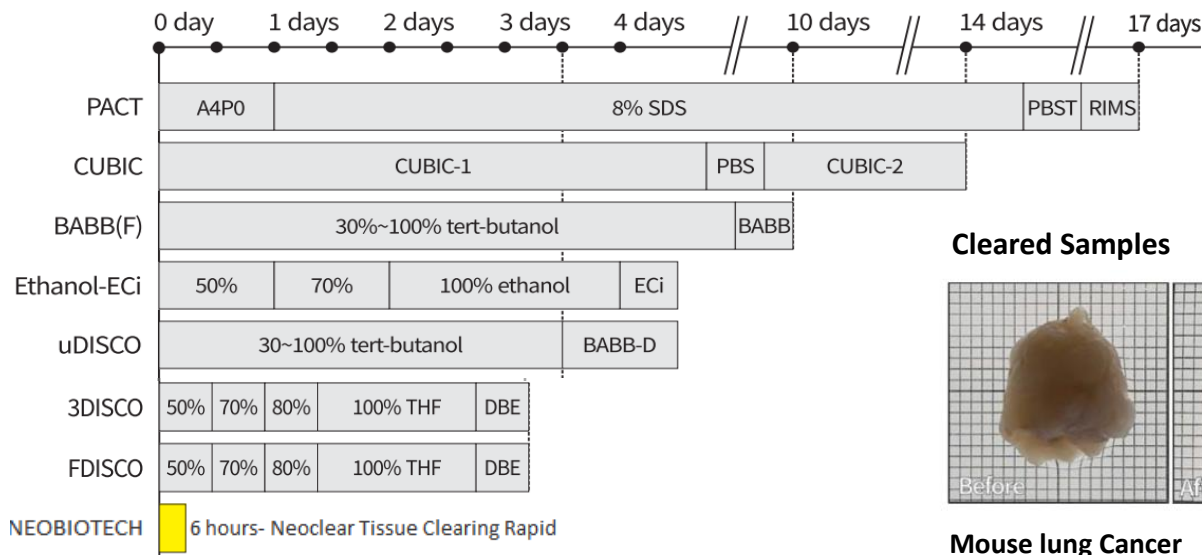
Rapid!

Tissue Clearing for Cancer.
Finish a whole mouse brain
Tissue clearing in 6 hours

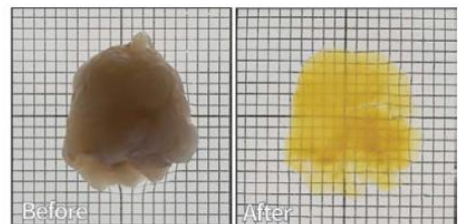


Compare the tissue clearing time

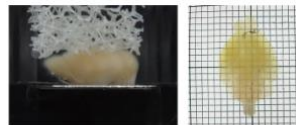
(a whole mouse brain)



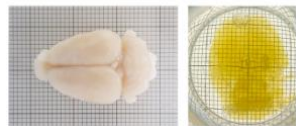
Cleared Samples



Mouse lung Cancer
5mm thickness, 48 hours



Mouse
Whole brain:
6 hours



Rat
Whole brain:
48 hours



Rapid clearing

- Zebrafish brain 1 hour
- Mouse brain 6 hours
- Rat brain 48 hours



Automatic control

- Tissue clearing adaptive programmed power supply
- Simple panel for process



Adaptive for large sample

- The porous support is structured to cope with the change in size during clearing



Protect your markers

- Automatic temperature control
- Non-organic solvent-based tissue clearing technology

3D analysis for the deep tissue sample without slide section



Deep tissue sample



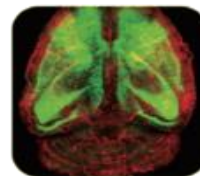
Tissue Clearing Rapid



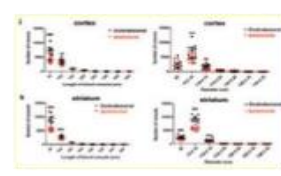
Cleared sample



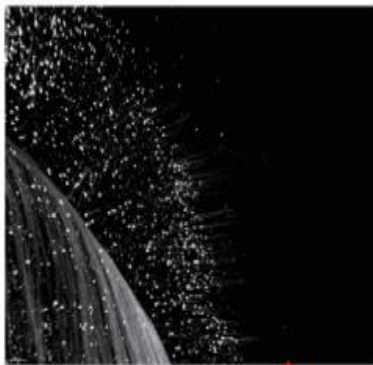
Imaging



3D deconvolution



Quantitative analysis with location information

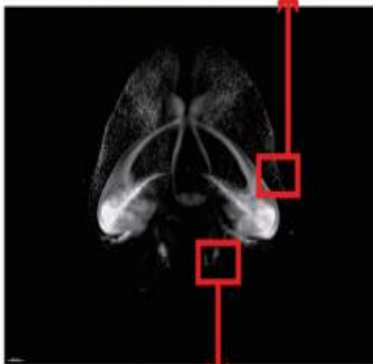


NeoClear Tissue Clearing Rapid Solution

Cat.No	NB-80-00001	NB-80-00003
Components	NeoClear Tissue Clearing Rapid Solution Brain 60ml	NeoClear Tissue Clearing Rapid Solution 60ml
Optimized	for Brain	non-brain tissue

NeoClear Tissue Clearing Rapid Mounting Solution

Cat.No	NB-80-00007
Components	NeoClear Tissue Clearing Rapid Mounting Solution 60ml



NeoClear Tissue Clearing Rapid system

Cat.No	NB-80-00005
Display	Full Digital LCD Display with Back-Light Function
Controller	Digital Fuzzy Controller with Toch Button and Jog Dial
Timer	999hr± 1hr.increments
Heating Feature	Included. (Automatic Controlled)
Permissible Temp	5°C~40°C, Humidity <80%
Power Requirements	1 Phase,AC 120 60 Hz or AC 230V 50/60 Hz,300W
Safety Feature	Over Temp/Current Protection,Sensor Error Detector
Dimensions (WxHxD)	165x250x145 mm, Net weight 2.2 kg
Package size (WxHxD)	230x310x260 mm, Gross weight 3.0 kg
Note	Use only with the Neoclear tissue Clearing Rapid

*The system design and specification can be changed without notice.

NeoClear Tissue Clearing Rapid Chamber A/B (replacement part of system)

Cat.No	NB-80-00005-CA	NB-80-00005-CB
Solution volume	20ml (Maxium 30 ml)/	50 ml (Maxium 60ml)

*The chamber design and specification can be changed without notice.



The cleared Thy-1 mouse
Whole brain cleared image
by the 3i light sheet
Microscope