

FluorVivo

실시간

in vivo Imaging



FluorVivo란 형광물질을 이용한 *in vivo* imaging 장비로서,
실시간으로 짧은 시간에 전처리 과정 없이 높은 해상도의 이미지를 얻을 수 있고,
간편한 소프트웨어 사용을 통해 사진 및 동영상 촬영이 가능합니다.

- **Easy** - 전문가 도움 없이 클릭 한번이면 O.K!
- **BenchTop** - 작은 크기로 동물실 입/반출 가능
- **Fast** - 0.1초 만에 원하는 이미지 제공
- **Realtime** - 수술 장면, 실시간 동영상 촬영 및 분석
- **Economic** - 경제적인 가격에 최고의 실험결과 제공

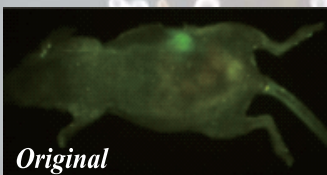
FluorVivo 100/300



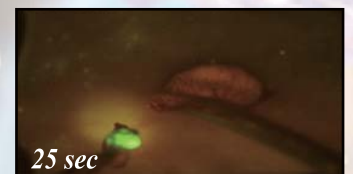
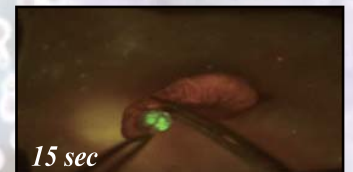
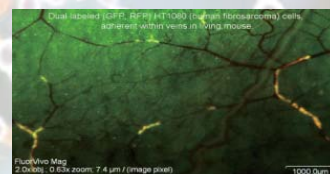
FluorVivo Mag
for cellular level
fluorescence imaging



FluorVivo Pathfinder
for fluorescence
guided surgery system



Results by Region		
Region	Area (mm ²)	Avg. Green Intensity (%)
G1	2.958	75.14
G2	8.609	75.71
G3	6.249	76.3
G4	1.418	74.68
G5	0.3102	71.13
Cumulative Results		
Statistic	Area (mm ²)	Avg. Green Intensity (%)
Count	5	5
Average	3.909	74.592
Maximum	8.609	76.300
Minimum	0.310	71.130
Range	8.299	5.170
Std. Dev.	3.086	1.814
3*Std. Dev.	9.259	5.443



1. Fluorescence labeled
Tumor cell

2. Auto measurement
(area, intensity...)

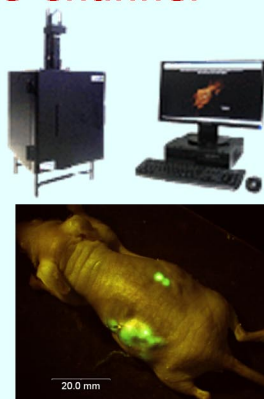
3. Cell migration
in blood vessel

4. Surgery on Cecum of
GFP-Expressing Region

Your **partner** in *in vivo* imaging solutions

FluorVivo 100 – Single-Channel Imaging

- Real-time multicolor imaging
- From CFP/GFP to NIR and ICG
- Perfect for labs using single probes, or specific pairs such as GFP with RFP
- Sets a new price point for *in vivo* imaging systems
- Modular – upgrade to more advanced models as your needs evolve



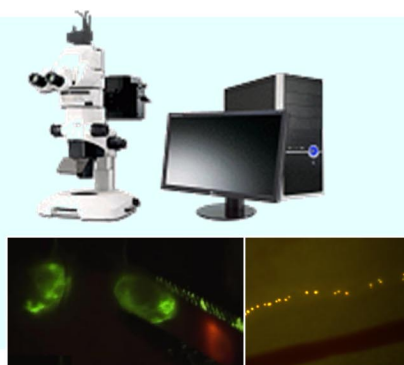
FluorVivo 300 – Multichannel Imaging

- Three channels, user's choice
- Custom channels available
- Ideal for labs with multiple probes or probe development as a focus



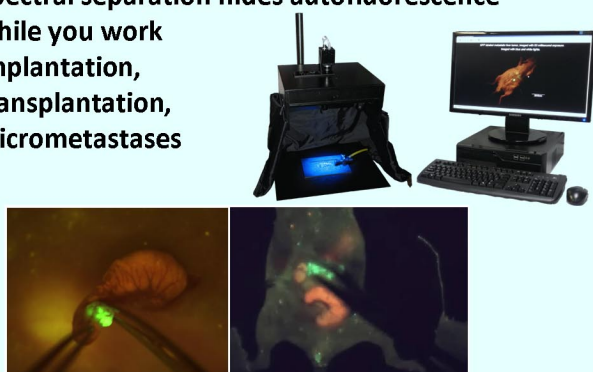
FluorVivo Mag *in vivo* Microscope

- Ideal for study of cell biology *in vivo*
- Ideal for fluorescence-guided surgery
- Extravasation, metastasis, stem cells
- Combine with FluorVivo chamber for whole-animal-to-single cell imaging in a single system



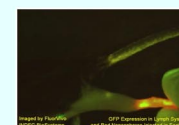
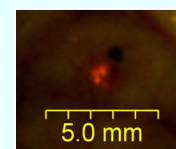
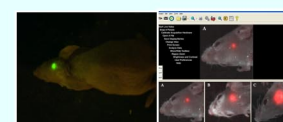
FluorVivo for Fluorescence-Guided Surgery

- Real-time imaging for surgeon's ease
- Spectral separation hides autofluorescence while you work
- Implantation, transplantation, micrometastases



FluorVivo for Special Applications

- **FluorVivo for Cancer Research**
Track tumor growth over time, with automatic time plots of fluorescence
- **FluorVivo for Stem Cell Research**
Ideal for transplantation and implantation
- **FluorVivo for Screening**
Rapid, anesthesia-free screening of animal models, cell lines and drug candidates
- **FluorVivo 1000**
Supporting a full range of monochrome cameras



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