

## Gel Imaging and Analysis Systems Survey

### 1. Please characterize how often you use a gel imaging system to image and analyze gels or blots?

- Frequent use – daily
- Regular Use –once or twice a week
- Occasional Use –once or twice a month
- I do not use gel imaging systems – *exited from survey*

### 2. What brand of gel imaging system do you PRIMARILY use? (please choose only one)

- KODAK
- Alpha Innotech
- GE Healthcare (formerly Amersham Biosciences)
- Syngene
- UVP
- Bio-Rad
- MiraiBio (Hitachi)
- FUJIFILM Life Science
- PerkinElmer
- Hoefer
- UltraLum
- Do not use - (*exited from survey*)
- Do not know
- Other (please specify)

### 3. Which best describes your [pipe BRAND] gel imaging system? (check all that apply)

- Portable imaging system (e.g. Polaroid camera)
- CCD Digital camera with chemiluminescence capability - light source: UV transilluminator and/or white light
- CCD Digital camera without chemiluminescence capability - light source: UV transilluminator and/or white light
- CCD Digital camera – light source: multicolor LEDs
- Flatbed laser-based scanner for fluorescence and filmless autoradiography
- Other (please specify)

### 4. How long have you been using your current gel imaging system?

- Less than one year
- 1 – 2 years
- 2 – 5 years
- More than 5 years

### 5. How satisfied are you with the following features of your [pipe BRAND] gel imaging system?

Not at all Satisfied							Very Satisfied	N/A
1	2	3	4	5	6	7	8	

- Resolution
- Signal to noise
- Zoom capability



(check all that apply)

	Currently Use	Plan to Use	Neither Use or Plan to Use
Fluorescent			
Colorimetric			
Radioisotopic			
Other (please specify)			

**11. Which of the following gel stains do you use regularly or plan to use in the next 12 to 18 months?**

(check all that apply)

	Currently Use	Plan to Use	Neither Use or Plan to Use
Ethidium bromide			
SYBR stains			
Coomassie Blue			
Acridine Orange			
DAPI			
SYPRO dyes			
CyDyes			
Alexa Dyes			
Silver Stain			
Deep Purple			
Flamingo			
Other (please specify)			

The next four questions refer to blots only (*not gels*).

**12. Please estimate how many blot images you generate per week.**

Less than 1  
 1 – 10  
 11 – 20  
 21 – 30  
 31 – 50  
 51 – 100  
 More than 100

**13. How do you expect the total number of blot images you generate to change over the next 12 to 18 months?**

Increase by > 50%  
 Increase by 25% - 50%  
 Increase by 10 – 25%  
 Increase by 1% - 10%  
 No change  
 Decrease by 1% - 10%  
 Decrease by 10% - 25%  
 Decrease by 25% - 50%  
 Decrease by > 50%

**14. Which of the following detection methods for your blots do you currently use or plan to use in the next 12 to 18 months?**

(check all that apply)

	Currently Use	Plan to Use	Neither Use or Plan to Use
Chemiluminescence with CCD imager			
Chemiluminescence with film			

Colorimetric detection with an imager  
Colorimetric only (no imager)  
Fluorescent labeled antibodies or dots  
Multitplex fluorescent labeled antibodies or dots  
IR tags  
Radioisotopes on film  
Radioisotopes with phosphorimager  
Other (please specify)

**15. Which of the following blot stains do you use regularly or plan to use in the next 12 to 18 months?**

**(check all that apply)**

	Currently Use	Plan to Use	Neither Use or Plan to Use
SYBR stains			
Ponceau S			
SYPRO dyes			
CyDyes			
Alexa Dyes			
Silver Stain			
Deep Purple			
Flamingo protein stain			
Other (please specify)			

**16. Do you use gel imaging software to analyze your gels?**

Yes  
No

**19. Which of the following do you plan to purchase and what is your purchasing timeframe?**

**(check all that apply)**

*Within 3 months*  
*3 – 9 months*  
*9 – 12 months*  
*More than 12 months*  
*Do not plan to purchase*

Portable imaging system (e.g. Polaroid camera)  
CCD Digital camera with chemiluminescence capability - light source: UV transilluminator and/or white light  
CCD Digital camera without chemiluminescence capability - light source: UV transilluminator and/or white light  
CCD Digital camera – light source: multicolor LEDs  
Flatbed laser-based scanner for fluorescence and filmless autoradiography  
Automatic film developer

**20. Please estimate how much you will spend on the [pipe Product] you plan to purchase?**  
*(question will loop through responses chosen in the previous question)*

Less than \$1,000  
\$1,001 - \$5,000  
\$5,001 - \$10,000  
\$10,001 - \$20,000  
\$20,001 - \$40,000  
\$40,001 - \$60,000  
More than \$60,000

**21. What are the three main criteria you would choose to make a purchasing decision of a digital gel imaging system? (please choose three)**

Recommendation  
Past Use  
Brand Recognition  
Advertisements  
Personal Demonstration  
Hardware Performance  
Software performance  
After Sale Support  
Budget  
Technical support  
Breadth of Applications  
Other (please specify)

**22. Are there any features not present on your current gel imaging system that you would like to see available on future models? (open-ended)**

**23. Is there any other advice you would provide to suppliers when designing next generation gel imaging systems? (open-ended)**

## **Demographic Questions**

**In which type of institution do you work?**

Academic  
Biotechnology  
Pharmaceutical  
Government  
Private Research  
Clinical Diagnostic Testing  
Other (please specify)

**Which title best applies?**

Professor/Instructor  
Process Engineer  
Business Development Director/Manager  
Research Director/VP of Research  
Department Head  
Technician/Research Assistant  
Account Manager  
Graduate Student  
Staff Scientist  
Principal Investigator  
President/CEO/Owner/VP  
Lab Director/Chief Scientist  
Postdoctoral Fellow  
Procurement Manager  
Consultant  
Other

**Which of the following are your key areas of research or work?**

Bioinformatics  
Microbiology/Virology  
Immunology  
Genomics/Genetics  
Cell Biology  
Diagnostics/Pathology  
Drug Discovery  
Administration  
Biochemistry  
Marketing/Sales  
Pharmacology/Toxicology  
Molecular Biology  
Bioengineering  
Neuroscience  
Proteomics  
Purchasing  
None of the Above  
Other (please specify)

**Which best describes your purchasing authority?**

Authorize  
Recommend  
Evaluate  
No Purchase Role