

Loats Associates, Inc. Metaphase Finding and Scoring System



Satellite Systems



150 Slide Finding and Scoring Systems

Benefits

- ◆ Automated Background Correction
- ◆ Automated Statistical Analysis and Report Generation.
- ◆ Data Review, Visualization and Reporting
- ◆ Secure Password Protected Operation
- ◆ Ease of Operation

Key Operational Features

- ◆ Eliminates man-hour requirements for locating spreads.
- ◆ Automatically locates spreads under low power
- ◆ Relocates spreads at high power for user review.
- ◆ Saves postage stamp image of each spread for user review.
- ◆ Includes scoring forms to quickly record aberrations.
- ◆ Automatically generates statistical reports Eliminates transcription errors.
- ◆ System access is limited to authorized users.

System Components

- ◆ Robotic Microscope with Computer Controlled Servo-Driven Stage and Focus
- ◆ High Resolution Color Digital Firewire Camera
- ◆ Windows based Computer, keyboard, mouse and Large Flat Panel Monitor
- ◆ Metaphase Finding and Scoring Software

Metaphase Finder System

File Select Study! Options

Finding

Current Slide: 1A

Number of Metaphase Spreads Found: 10, Out of 150
 Total Number of Frames Processed: 10
 Number of Cells Found: 65, Out of 1000

Number of Metaphase Spreads Scored: 0

Metaphase Spreads

Scoring

Number of Chromosomes: 0 CAB Assay

Spread #1 - Position: -334 x 409

Not Computed	Simple	Complex
TG 0	TB 0	ID 0
SG 0	SB 0	OR 0
	AF 0	D 0
	DM 0	CR 0
		R 0
		CI 0
		O 0

Comments: TLR Version: 1.02

Study Information

Study Name: MF 093487 Start Scan

Study Created By: Dr. Jane Doe Edit Groups

Current System User: Dr. Jane Doe Parameters

System Status: Ready To Continue Report...

CONTROLS:

Negative Control (0): (Vehicle)															
A	50	0	0	1	0	0	0	0	0	0	0	0	0.04	4.00	4.00
B	51	0	0	1	0	0	0	0	0	0	0	0	0.02	1.96	1.96
Positive Control (10): Cyclophosphamide															
A	25	2	1	25	2	1	5	2	6	5	2	0	0	0	8.00
B	51	0	0	1	0	0	0	0	0	0	0	0	0	0	0.00

TEST COMPOUND:

40 mg/ml															
A	50	1	0	1	0	0	0	0	1	0	0	0	0.06	4.00	4.00
B	40	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

Reporting

