

# Ames Study Manager

plate counting, data management  
and reporting for the ames test



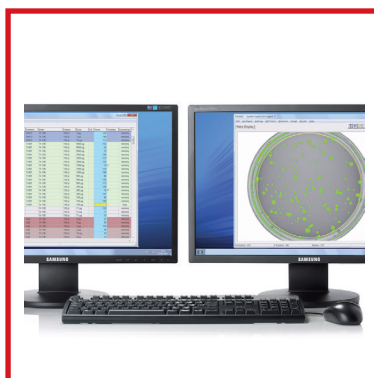
# Integrated Ames plate counting, study management and reporting

The Ames Study Manager is an integrated suite of software for conducting the Bacterial Reverse Mutation Test according to regulatory guidelines e.g. OECD 471, ICH S2A etc.

It has been designed to fulfil the requirements of safety assessment laboratories in pharmaceutical, medical device and chemical companies as well as contract research organisations.

Ames Study Manager features:

- Accommodates any experimental design
- Versatile sharing of concurrent controls
- Manual or automatic count entry
- Plates can be flagged for observations such as contamination, precipitation etc
- Uses an Oracle database for complete security of data and audit trails
- Seamless integration with Microsoft Word for generation of interim and final reports
- Complies with GLP and FDA 21 CFR Part 11



Links directly with your Sorcerer automatic colony counter

mut metabolic activation					
mean revertants per plate	Standard deviation	Ratio treated /solvent	T-value	Sig. class	Individual revertant colony counts
1.0	1.0	1.0	0.26	NS	22, 21, 23
3.0	4.4	1.0	0.00	NS	25, 26, 18
1.7	3.2	1.1	0.52	NS	26, 27, 21
1.0	5.2	1.8	4.66	**	38, 47, 38
1.3	8.5	2.2	6.64	***	59, 50, 42
3.0	4.4	-	-	-	25, 26, 18
16.0	20.1	15.0	-	-	344, 367, 327
1.7	5.9	0.8	1.38	NS	35, 24, 33
1.0	5.3	1.1	0.72	NS	35, 43, 45
3.0	8.5	1.0	0.25	NS	-, 42, 30
1.3	5.5	1.3	1.88	NS	41, 50, 51
1.0	7.9	1.9	5.46	***	67, 64, 79
1.0	6.7	-	-	-	40, 30, 20

Custom reports match your corporate style



Barcodes allow the system to identify every plate automatically

The Ames Study Manager is an integrated suite of software for conducting Ames tests according to regulatory guidelines.

## Flexible study management

Each study created with the Ames Study Manager can have any number of individual experiments, each unique in design. Designs can be saved as templates for future studies.

The program is structured to allow control plates to be shared by multiple experiments.

To achieve this level of flexibility, the program makes use of 'experiment folders'. All plates within an experiment folder share the same incubation time and assay conditions, and as such can be considered suitable for sharing.

## Automatic plate counting

Counting plates via the connection to Sorcerer Colony Counter is incredibly fast. Users simply select the plate they wish to count and press the space bar.

There are also facilities to use barcode readers or allow manual counts to be entered, with configurable GLP enforced reasons

## Reporting

As well as automatically generating data tables and study reports on the fly, custom reports can be created for plate preparation, auditing or anything else you need.

## GLP compliance

You work to GLP, and so does the Ames Study Manager. The system has all the features you need to comply with GLP guidelines and the FDA 21 CFR part 11 rule on electronic records and electronic signatures.

to find out more and to get a demo visit

[www.perceptive.co.uk](http://www.perceptive.co.uk)



Scan the code above  
with your smartphone  
to find out more!

## Ames Study Manager

What it does...

- Study design and management
- Automatic plate counting
- Reporting and statistics
- Auditing and user control
- Archiving and historical data

What it is...

- Validated
- Flexible
- Secure
- Customisable
- GLP compliant

Perceptive Instruments aim to help you improve the integration between data acquisition, auditing and reporting for your genetic toxicology assays.

With over 20 years experience, we have always delivered highly effective solutions along with excellent customer service.

We have a reputation for quality and operate a quality management system to ISO 9001:2008 and ISO 90003:2004.

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