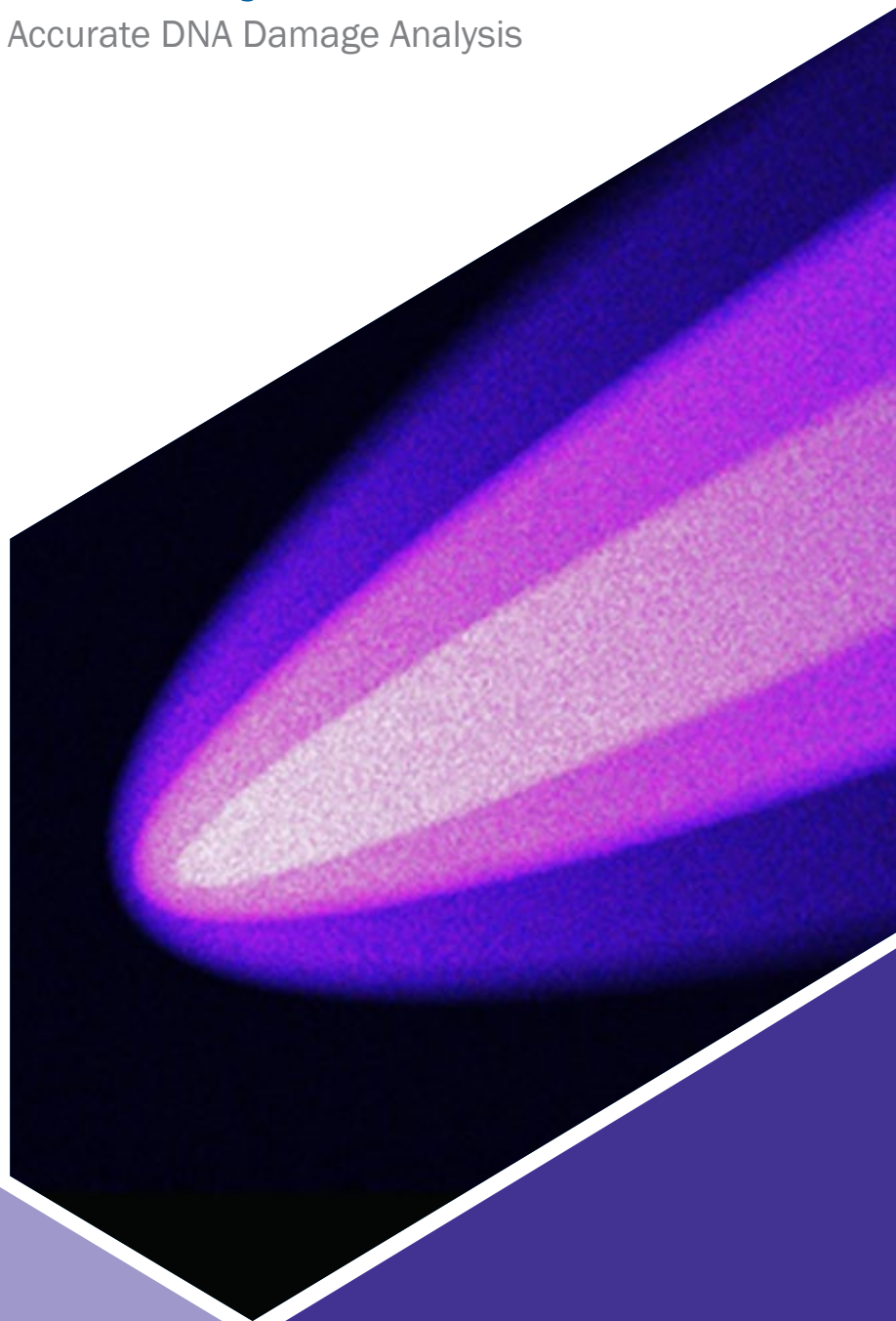


biotechne®

Comet Analysis Software

For Fast and Accurate DNA Damage Analysis



R&D SYSTEMS
a biotechne® brand

Trevigen®

Comet Analysis Software

The comet assay has traditionally been used due to its high sensitivity and simplicity, but comet scoring is a laborious and time-consuming hunt to find non-overlapping cells for analysis.

Trevigen's Comet Analysis Software provides instant and unbiased analysis by automatically locating and scoring comets within each well image. Scan and analyze over 14,000 comets in 10–15 minutes when combined with Trevigen's CometChip® System. Software is specially engineered to complement existing microscope/camera setups at one flat rate with no additional fees.

Use existing microscope & camera for image capture

Compatible

- CometChip® High Throughput System
- CometAssay® Standardized System
- 4X or 10X well images
- JPEG, TIFF or PNG

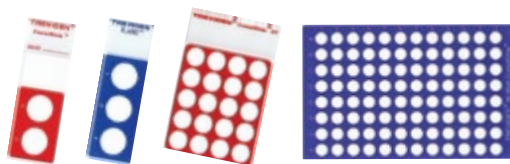
Step by Step Instructions with Comet Wizard

- 1 Create a new study or open an existing study
- 2 Add images to study using the Well Explorer
- 3 Scan images
- 4 Review and edit comets
- 5 Print or export study results



Easy to Create a New Study

- Unique Study Name
- Total # of Slides
- Slide Format



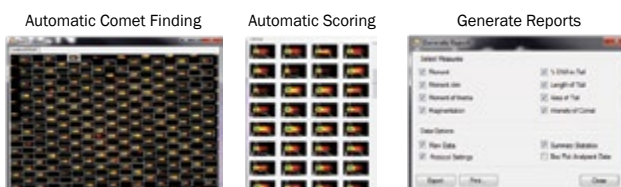
Drag and Drop Images Directly into Slide Library

- Unique image filing system
- Multiple images per well
- Easy to review
- Easy to change



Instant and Unbiased Analysis in Seconds

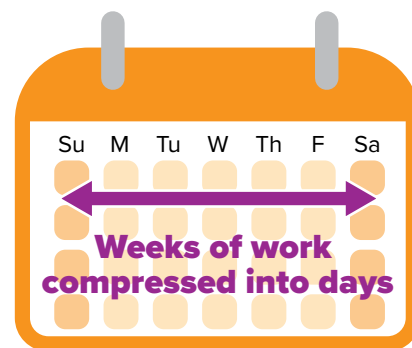
- ✓ Review from Image
- ✓ Edit based on profile
- ✓ User options



Analyze >500,000 comets per week with CometChip®

Benefits

- Use existing microscope and camera
- Affordable at single flat rate with no service fee
- Uses 4X and 10X images
- Tech Support readily available with tutorials
- Automatic Comet finding and Scoring
- Compatible with low and high throughput comet assays
- Instant and Unbiased Analysis
- Analyze >500,000 comets per week with CometChip



CometAssay®/CometChip® Products & Software

Comet Analysis Software

Product	Amount Provided	Catalog Number
Comet Analysis Software	1 license	4260-000-CS

Specifications

- Designed to work under Windows 10, 8/8.1 and 7
- Compatible with TIFF, JPEG and PNG image formats
- Compatible with 4X and 10X images
- Software does not provide capabilities for direct control of camera for image capture. Images must be captured outside of software.

Related Products

CometChip® Electrophoresis Starter Kit (Catalog # 4260-096-ESK)

Product	Amount Provided	Catalog #
CometChip, 30 micron	1	4260-096-01
Lysis Solution	100 ml	4250-010-01
Comet LMAgarose	15 ml	4250-050-02
96-Well CometChip System	1	4260-096-CS
CometAssay Electrophoresis System II	1	4250-050-ES

CometAssay® 2 Well ES Unit w/ Starter Kit (Catalog # 4250-050-ESK)

Product	Amount Provided	Catalog #
Lysis Solution	2 x 500 ml	4250-050-01
Comet LMAgarose	15 ml	4250-050-02
CometSlides (2 Well)	25 each	4250-050-03
200 mM EDTA, pH10	12.5 ml	4250-050-04
CometAssay Electrophoresis System II	1	4250-050-ES
CometAssay Alkaline Control Cells	10 assays	4256-010-CC

CometAssay® 20 Well ES Unit w/ Starter Kit (Catalog # 4252-040-ESK)

Product	Amount Provided	Catalog #
Lysis Solution	100 ml	4250-010-01
Comet LMAgarose	15 ml	4250-050-02
CometSlides (20 Well)	2 each	4252-04-01
200 mM EDTA, pH10	12.5 ml	4250-050-03
CometAssay Electrophoresis System II	1	4250-050-ES
CometAssay Alkaline Control Cells	10 assays	4256-010-CC

Contract Services (Catalog # 6000-TCA)

Format	Protocol	Project Example
20-well CometAssay	4252-040-K	20-100 sample wells per run
Sample Preparation 96 well CometChip	4260-096-CSK	96-288 sample wells per run

R&D SYSTEMS

NOVUS
BIOLOGICALS

TOCRIS

protein **simple**

ACD

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