

Comet Assay IV

live video measurement system
for the comet assay



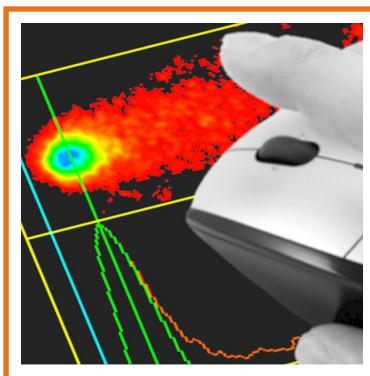
What if you could score a comet slide in two minutes?

With Comet Assay IV, you can.

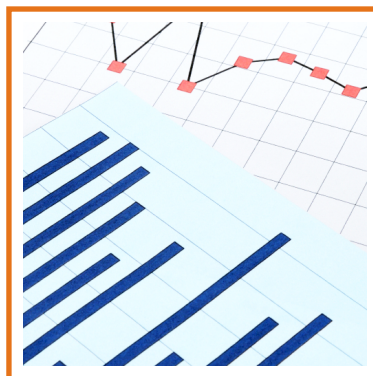
Scoring cells with Comet Assay IV is a uniquely effortless process: simply use the mouse to click once on each cell. Our users tell us that they are able to score all the cells on a typical comet slide within two minutes.

Comet Assay IV features:

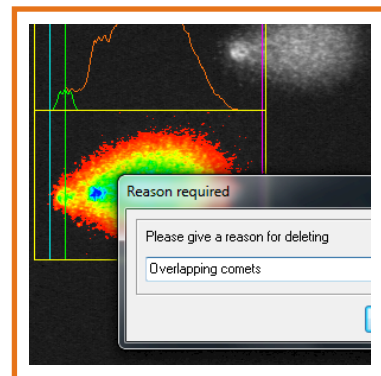
- Click&Score automatic scoring
- Accurate, repeatable results
- Tail % DNA, tail moment, tail length and more.
- Integrated hedgehog counter
- Graph and chart your comet data
- GLP compliance, auditing and user control
- Live video scoring



Capture your comet in an instant with a single mouse click



Convert your comet data into attractive graphs and charts



Comply with the requirements of GLP and FDA 21 CFR part 11

Comet Assay IV is a live video imaging system designed for those seeking fast, accurate and reproducible comet slide scoring.

Score comets from live video

Using a high resolution digital camera attached to your microscope, Comet Assay IV transfers a live video picture to your screen. Any refocusing or stage movements performed at the microscope level are shown live on screen without any lag or delay.

Once all the comets within in a field of view have been scored, you can use your microscope's stage controls to find the next set of cells to be scored.

Having obtained your results, you can create graphs using the Excel-based Spreadsheet Generator included free with every Comet Assay IV system.

Click&Score

With Click&Score, you simply click once on each comet you wish to score.

This has productivity and reproducibility advantages over manual framing methods that require users to position a measurement frame around each individual cell.

Validated by labs worldwide

Comet Assay IV has an established user base including many of the world's top pharmaceutical and research organisations. It is used by the majority of labs involved in the JaCVAM international comet validation study.

GLP compliance

You work to GLP, and so does Comet Assay IV. The system has been designed to conform 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 free trial visit

www.scorecomets.com



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

Comet Assay IV

What it does...

- Live video comet scoring
- Measurements and results
- Graphing and statistics
- Auditing and user control
- Data security

What it is...

- Validated
- Accurate
- Repeatable
- Reliable
- Fast

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 9003:2004.

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