

## CometSlide™

**Catalog #:** 4250-200-03

**Size:** 100 slides

**Description:** Trevigen's CometSlide™ is a component of the CometAssay® Kit (cat# 4250-050-K) used for the rapid analysis of DNA fragmentation associated with DNA damage. The comet assay, or single cell gel electrophoresis assay, permits the quantification of DNA damage in individual cells based on the migration of DNA structures in an electric field. Evaluation of the DNA "comet" tail shape and migration pattern allows for assessment of DNA damage, expressed as tail length, percent DNA in the tail and tail moment. Trevigen's CometSlide™ provides a convenient, simple and reliable sample preparation, processing, analysis and storage format for the comet assay.

**Physical State:** Sample-ready pretreated glass slides.

**Storage:** Store at room temperature with desiccant.

**Applications:** For use with Trevigen's CometAssay® and FLARE™ assay reagents and protocols.

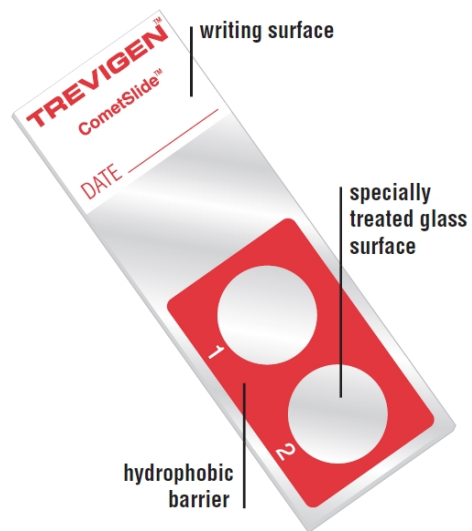


Figure 1. CometSlide™ features

## CometAssay® Kits:

| Catalog #    | Description                       | Size        |
|--------------|-----------------------------------|-------------|
| 4250-050-ESK | CometAssay® Starter Kit           | each        |
| 4250-050-ES  | CometAssay® ES                    | each        |
| 4250-050-K   | CometAssay®                       | 50 samples  |
| 4251-050-K   | CometAssay® Silver Kit            | 50 samples  |
| 4254-200-K   | CometAssay® Silver Staining Kit   | 200 samples |
| 4252-040-K   | CometAssay® Higher Throughput Kit | 40 samples  |
| 4253-096-K   | CometAssay® Kit 96 Wells          | 96 samples  |

## FLARE™ Assay Kits:

| Catalog #   | Description          | Damage Recognized  | Size        |
|-------------|----------------------|--|-------------|
| 4040-100-FK | Fpg Kit              | 8-oxoguanine, DNA containing formamidopyrimidine moieties  | 75 samples  |
| 4040-100-FM |                      |  | 100 samples |
| 4055-100-FK | T4-PDG Kit           | Cis-syn isomers of cyclobutane pyrimidine dimers   | 75 samples  |
| 4055-100-FM |                      |  | 100 samples |
| 4065-100-FK | cv-PDG Kit           | Cis-syn and trans-syn isomers of cyclobutane pyrimidine dimers   | 75 samples  |
| 4065-100-FM |                      |  | 100 samples |
| 4130-100-FK | hOGG1 Kit            | 8-oxoguanine, DNA containing formamidopyrimidine moieties  | 75 samples  |
| 4130-100-FM |                      |  | 100 samples |
| 4100-100-FK | UVDE Kit             | Cyclobutane pyrimidine dimers, (6-4) photoproducts   | 75 samples  |
| 4100-100-FM |                      |  | 100 samples |
| 4045-01K-FK | Endonuclease III Kit | Thymine Glycol, 5,6-dihydrothymine, urea, 5-hydroxy-6-hydroxy-mine, 5,6-dihydro-uracil, alloxan, 5-hydroxy-6-hydroxy-uracil, uracil glycol, 5-hydroxy-5-methylthio-dantoin, 5-hydroxycytosine, 5-hydroxy-uracil, methyl-taronylurea, thymine ring saturated or fragmentation product | 75 samples  |
| 4045-01K-FM |                      |  | 100 samples |

## Accessories:

| Catalog #   | Description                                | Size       |
|-------------|--|------------|
| 4256-010-CC | CometAssay® Control Cells (alkaline assay) | 1 set      |
| 4257-010-NC | Neutral CometAssay® Control Cells          | 1 set      |
| 4252-200-01 | CometSlide™ HT (20 well)                   | 10 slides  |
| 4253-960-03 | 96 Well CometSlide™                        | 1 slide    |
| 3950-300-02 | FLARE™ Slides (3 well)                     | 100 slides |