

Use Case: Hepatotoxicity - Cell Painting

- › Cell Type: Primary human hepatocyte in small volume 384-well plate format
- › Cell Painting Assay: High-content images with 6 fluorescent dyes in 5 channels + Brightfield, staining various cellular organelles
 - Preserves hepatocyte function
 - HTS capability : Cost-effective experimentation, reduced cell and reagent usage
 - Captures subtle morphological changes
 - Advanced quantitative image analysis
 - Machine learning-based phenotype classification
 - Multiparametric response profiling
 - Increased assay sensitivity
 - Versatile research applications

