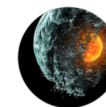


In Vitro MultiFlow[®] Assays

Measuring Multiple Endpoints in One Step

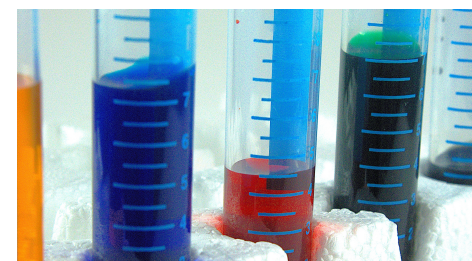
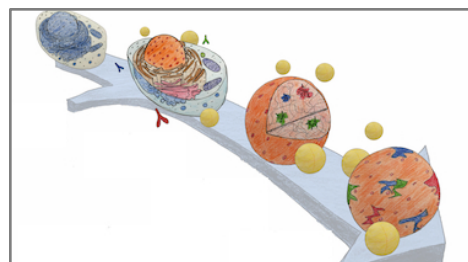


High Content Analyses

Exposure to a test substance can cause toxicity such as DNA damage and apoptosis. Study multiple endpoints associated with this type of damage, including: γ H2AX as a measure of DNA double strand breaks, phospho-histone H3 to label mitotic cells, cleaved PARP as an apoptosis marker, and p53 as an indicator of genotoxic stress.

The MultiFlow[®] Family of Kits

The MultiFlow family of kits were developed from the ground up to be simple and efficient. With this method, you can now liberate nuclei, stain nucleic acids, and label nuclear epitopes all in the same step. After a brief incubation period, samples are ready for flow cytometric analysis.



FEATURES

- **One Step, Multiple Endpoints**
Flexible method addresses different pathways and events.
- **Low Compound Requirements**
Perform analyses in 96-well plates.
- **No Washes Required**
Add-and-read format lyses cells and stains nuclei in one step.
- **QC'd Kits, Unlimited Technical Support**
Everything you need to successfully perform the method is included in the box or available for download!

BENEFITS

- **Easy to Use Multiplexed Assay**
High information content yields Mode of Action data.
- **Place Anywhere In Your Pipeline**
Use as a screening tool or a follow up to a positive result.
- **Fast Results, Reliable Data**
Speed up your work with efficient, rapid processing and analysis.
- **Feel Confident**
Speak with the scientists who developed this method. Send plots, email, or call with questions!

AVAILABLE KITS

Every MultiFlow kit provides cell density, proliferation and cytotoxicity information.

Single Antibody Kits also measure:

- Double-strand DNA breaks using γ H2AX
- Genotoxic stress using nuclear p53
- Mitotic cells using phospho-histone H3
- Apoptosis using cleaved-PARP
- More kits under development

Multiple Antibody Kits also measure:

- p53, γ H2AX, and phospho-histone H3 (for detection of nuclear p53, double-strand DNA breaks, and mitotic cells)
- Cleaved-PARP, γ H2AX and phospho-histone H3 (for detection of apoptosis, double-strand DNA breaks, and mitotic cells)
- p53, γ H2AX, phospho-histone H3, and Cleaved-PARP (for detection of nuclear p53, double-strand DNA breaks, mitotic cells, and apoptosis)