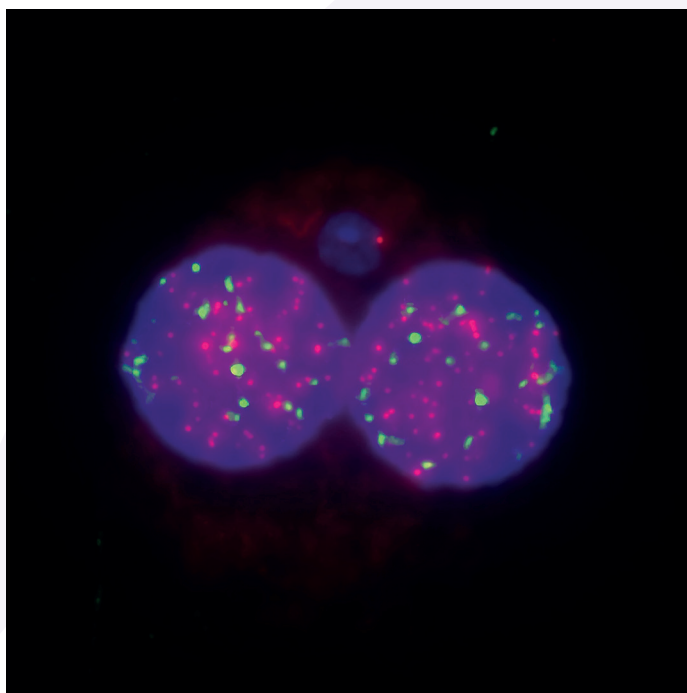
The background of the top half of the slide features several circular inset images showing fluorescence microscopy of cells. One image shows cells with red and green spots, another shows cells with blue and red spots, and a third shows cells with blue and green spots. A large, clear pipette tip is shown in the center, containing a yellow liquid, with a drop of liquid about to fall into a larger circular inset below it. The overall background is a soft, pinkish-purple gradient.

Rapid Micronucleus MoA

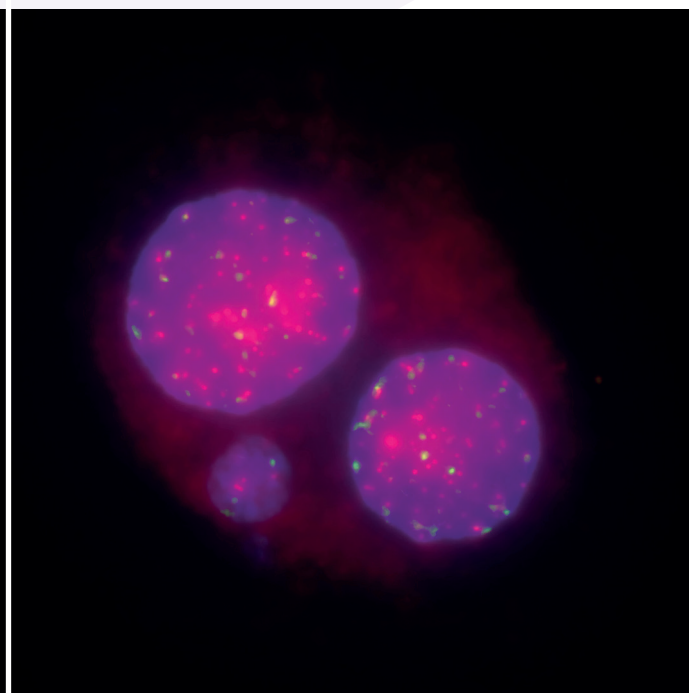
Fast, direct Detection of Aneugens & Clastogens for Mode of Action

- **3-Hour FISH Assay with Centromere and Telomere Probes**
efficient, reliable genotoxicity assessment
- **Direct Mode of Action Identification** – detects aneugenic and clastogenic compounds
- **High Specificity** – avoids false positives from RNA, precipitates, cytoplasmic changes.
- **Regulatory Compliance** – Accepted by authorities, OECD TG487, TG473.
- **Flexible & Cost-Efficient** – No license fee; suitable for all human cell lines and whole blood samples.
- **Rapid Chromosomal Aberration Assessment** – Delivers accurate results for biological dosimetry and early genotoxicity screening.

Get a fast and clear "Mode of Action" answer on potentially clastogenic or aneugenic test compounds:



Positive Control Clastogen
Mitomycin 0.1 µg/mL



Positive Control Aneugen
Vinblastine 0.01 µg/mL

Ready to Use Test Kit for Micronucleus Test, Chromosomal Aberrations:

Fast (2–3 hours), direct identification of clastogenic or aneugenic test compounds with FISH Technology

Article number	Product description	Quantity
MTE020	Rapid Micronucleus MoA Centromere Telomere Kit FISH Assay with centromere and telomere Probes	20 Slides
MTE100	Rapid Micronucleus MoA Centromere Telomere Kit FISH Assay with centromere and telomere Probes	100 Slides
MCT020-WAI20	Wash Solution I	100 mL
MCT020-WAII20	Wash Solution II (10x)	44 mL

Analytical Services for in vitro Micronucleus, chromosomal Aberration

- Short turnaround time: 3–4 weeks
- Miniaturized, minipriced MNvit test for Screening, OECD TG 487
- 3 mg test compound (ICH), 15 mg (OECD)
- Regular in vitro Micronucleus test OECD TG487 in TK6 cells or human blood cells, 1 g compound
- Fast, clear identification of Aneugens and Clastogens with Centromere Telomere and stain
- Chromosomal Aberration Test OECD TG473
- Suitable for Dosimetry Studies

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