



Colcemid Solution

Scientifically Validated Performance

for Cytogenetic Analysis

Accurate chromosome analysis requires synchronized metaphase arrest — but conventional agents like colchicine are often limited by high toxicity and batch variability. Capricorn Scientific's Colcemid Solution offers a superior alternative: a ready-to-use, standardized formulation of demecolcine that provides efficient, reversible mitotic arrest with minimal cytotoxicity.

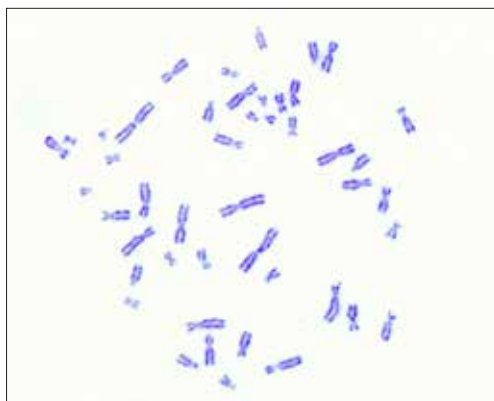
RELIABLE METAPHASE ARREST FOR CYTOGENETIC APPLICATIONS

Our ready-to-use solution Colcemid supports high-quality chromosome preparations with reduced toxicity.

STABLE METAPHASE.

CLEAN CHROMOSOMES.

RELIABLE RESULTS.



OPTIMIZE YOUR RESULT

THE TRUSTED CHOICE FOR METAPHASE ARREST

KEY BENEFITS OF COLCEMID

» Efficient and Reversible Metaphase Arrest

Colcemid blocks mitosis at metaphase by inhibiting microtubule polymerization. Arrest occurs within 1–2 hours and is reversible upon removal, enabling accurate chromosome preparation for cytogenetic analysis.

» Lower Cytotoxicity Compared to Colchicine

As a synthetic colchicine analogue, Colcemid exhibits significantly reduced cellular toxicity. It is suitable for prolonged incubation and for use with sensitive cell types such as primary lymphocytes or amniocytes.

» Ready-to-Use, Standardized Solution in DPBS

Supplied sterile in DPBS. No dilution required – minimizes variability and simplifies laboratory workflows.

» Validated for Research and Diagnostic Applications (IVD, CE)

Clinically established in karyotyping of lymphocytes and amniotic fluid cells. Certified as an IVD Class A product, meeting diagnostic laboratory standards.

ORDER INFORMATION

PRODUCT

Colcemid Solution (10 µg/ml)
in DPBS

VOL. CAT.NO.

10 ml COL-H



SCAN FOR MORE
INFORMATION

For further support, feel free to contact our experts at techservice@capricorn-scientific.com or phone (+49 6424 944 64 0).