

Product Information



Colcemid Solution (10 µg/ml) in DPBS
Cat. No. COL-H (10 ml)

General Information

N-Deacetyl-N-methylcolchicine (Colcemid) is related to colchicine but it is less toxic. Colcemid depolymerizes microtubules and limits their formation. Appropriate dilutions inactivate the spindle fiber formation, thus arresting cells in metaphase and allowing cell harvest and karyotyping to be performed.

Application:

- Arrests cells in metaphase
- For chromosome analysis during lymphocyte karyotyping or amniotic fluid cell chromosome analysis

Product Specifications

Appearance	Clear liquid
CAS No.	477-30-5
Storage and shelf life	Store at +2°C to +8°C upon arrival. Once opened store at +2°C to +8°C and use within 4-6 weeks.
Shipping conditions	Ambient
Working concentration	Recommended final concentration: 0.1 µg/ml

For lot specific data (Certificate of Analysis) please refer to our website: www.capricorn-scientific.com/products/

Formulation

Component	Concentration mg/L
Demecolcine (Colcemid)	10.00
CaCl ₂ 2H ₂ O	130.00
Cl ₂ Mg 6H ₂ O	100.00
KCl	200.00
KH ₂ PO ₄	200.00
NaCl	8000.00
Na ₂ HPO ₄	1150.00

Precautions and Disclaimer

For *in vitro* diagnostic use. The solution is not intended for therapeutic use.

Each laboratory is obliged to perform representative tests according to the valid legal regulations and in its own environment to ensure that it is suitable for this purpose before the solution can be used in routine diagnostics.

Do not use if a visible precipitate is observed in the solution.

Use of Colcemid Solution does not guarantee the successful outcome of any diagnostic testing.



Do not use Colcemid Solution beyond the expiration date indicated on the product label.

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Signs and Symbols

REF	Order number
LOT	Batch Code
	Storage conditions: temperature limit
	Expiration date
STERILE A	Aseptic filling
IVD	<i>In vitro</i> diagnostics

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).