

## EK0010

Colcemid 10ug/ml in PBS

**Description** Colcemid 10ug/ml in PBS

**Format** 10 ml

**Producer** Euroclone

**Code Producer**

### General Features:

Colcemid (Demecolcine) inhibits the mitotic spindles formation during cell division. It is used in cytogenetic diagnostics as it increases the percentage of metaphase cells.

PBS liquid solution.

Clear, colourless.

### Use

The most common uses are:

- Chromosome analysis
- Techniques of cellular synchronization.

Concentration: 10 ug/ml

Suggested working volume: 15-20 ul/ml sample.

### Quality Control

pH: 6.9-7.5

Osmolarity: 265.5-324.5 mosm/Kg

Testing of Endotoxin level: < 10 EU/ml

Sterility test: check for the presence of aerobic and anaerobic bacteria; fungi and yeasts.

### Storage and Shelf Life:

The solution should be stored at 2 °C - 8 °C away from light sources. Under these conditions the product can be kept for 2 years from the date of manufacture.

Product intended for Laboratory-Research use, not an in vitro diagnostic reagent, not subjected to IVDR Regulation (EU) 2017/746.



Euroclone S.p.A.