

MarrowFirst

General information

MarrowFirst Medium supports highly efficient cell attachment and cell growth which allows fast chromosome analysis of bone marrow and leukemic blood cells and is intended for in vitro use only.

The medium is supplied frozen as a complete medium, ready to use in a 100 ml format. It is based on MEM Alpha Modification and contains antibiotics (gentamycin), L-glutamine, fetal bovine serum (FBS), hormones and growth factors. It is buffered with sodium bicarbonate and phenol red is present as a pH indicator.

Product specifications

Appearance	Red clear frozen liquid
Storage and shelf life	Store at ≤ -15 °C protected from light. Do not use this product after its expiry date. Once opened, store at +2 °C to +8 °C and use within 2 weeks.
Shipping conditions	Frozen (Dry Ice)

Applications

- For Karyotyping, fluorescence in-situ hybridization and other cytogenetic procedures of established bone marrow and leukemic blood cell cultures.

Thawing

Thaw MarrowFirst Medium at +37 °C in a water bath and mix gently during and after thawing to obtain a homogeneous medium.

An alternative is to thaw medium in a +37 °C CO₂ incubator with the lid slightly opened to allow automatic pH normalization. Warm medium at the appropriate pH is best for the initialization of cultures.

Precautions and disclaimer

For in vitro diagnostic use.

The medium is not intended for therapeutic use.

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

Use of MarrowFirst Medium does not guarantee the successful outcome of any prenatal diagnostic testing.

Do not use MarrowFirst Medium beyond the expiration date indicated on the product label.

Ordering information

Catalogue number	Pack size
MF	100 ml

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