

PB-MAX™ Karyotyping Medium (1X), liquid

Description

PB MAX™ Karyotyping Medium is an RPMI-1640 basal medium fully-supplemented with L-glutamine, gentamicin sulfate, fetal bovine serum (FBS), and phytohemagglutinin (PHA). PB-MAX™ Karyotyping Medium is intended for use in *in vitro* diagnostic procedures which require the short-term cultivation of peripheral blood lymphocytes for cytogenetic study. PB-MAX™ Karyotyping Medium was designed recognizing the need for consistent performance in a pre-qualified product. PB-MAX™ Karyotyping Medium is supplied as a frozen 1X liquid ready-to-use upon thawing, minimizing end user handling.

Product	Catalog no.	Amount	Storage	Shelf life*
PB MAX™ Karyotyping Medium	12557-013	100 mL	-20°C to -5°C; Protect from light	12 months
	12557-021	500 mL		

* Shelf life duration is determined from Date of Manufacture.

Intended use

For *in vitro* diagnostic use.

Important information

- **Do not** thaw at 37°C.
- **Do not use if:**
 - Medium appears cloudy
 - Package has been compromised
 - Product was received completely thawed

Safety information

Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Use

- Thaw at 2°C to 8°C, mix by gently swirling to ensure thermal and product homogeneity. **Do not** thaw at 37°C, this may result in formation of a precipitate and should be avoided.
- PB-MAX™ Karyotyping medium can be thawed and aseptically transferred into smaller aliquots for convenience. Aliquots can be frozen and thawed at time of use; however multiple freeze-thaw cycles should be avoided.
- PB-MAX™ Karyotyping Medium contains Fetal Bovine Serum (FBS); flocculent debris may develop upon thawing and storage. This will not affect product performance.
- Protect from light.

Related products

Product	Catalog no.
Lab Armor™ Beads	A12543
KaryoMAX® Colcemid™ Solution, liquid (10 µg/mL), in HBSS	15210
KaryoMAX® Colcemid™ Solution, liquid (10 µg/mL), in PBS	15212
Phytohemagglutinin (M Form) (PHA), liquid	10576

Each manufactured lot of PB-MAX Karyotyping medium is performance tested on primary peripheral blood lymphocytes to ensure product performance for *in vitro* diagnostic use for this application. Although this media will likely perform for use in propagation of other cell types, their intended use is not subject to present quality control procedures and no assurances are presently given for their application. Each clinician/scientist must make an independent judgment on whether this medium is suitable for use in *in vitro* diagnostic applications conducted in their laboratory. Life Technologies does not guarantee the successful outcome of any diagnostic testing based solely on the use of Gibco® medium. Life Technologies contribution to these procedures is simply at the step of providing a culture or handling medium for these procedures.

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For additional technical information such as Safety Data Sheets (SDS), Certificates of Analysis, visit www.lifetechnologies.com/support.
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