

Postnatal Analysis

Chromosome kit & Medium, P & M

Chromosome Kit and Medium P and M are specifically designed to optimize peripheral blood lymphocytes (P) and bone marrow (M) cell culture, for the chromosomal analysis. The media are complete, and supplied in ready to use culture tube or in bottles. The use of Chromosome Kit (P/M) in ready to use culture tubes allows remarkable time saving and reduction of manual procedures bringing benefits to the routine laboratory. The ratio between sample/liquid volume and culture surface area was thoroughly studied, and the medium composition accurately formulated to ensure optimal mitotic index.

Chromosome Kits P & M simplify operative protocols and produce highly reproducible and readable specimens for microscopic examination: the number of metaphases and chromosome quality are superior compared to conventional media or other commercially available kit.

Features

- Mitotic index: metaphases number doubled.
- Easy to use: the tube format guarantees easy handling, and low risk of contamination.
- Shelf life: 12 months from production date.
- CE/IVDR marked: manufactured according to the European Community Regulation for *in vitro* Diagnostics (2017/746 EU).



Ordering information

Cat.No.	Description	Q.ty/Format	Number of tests
EKAMTP	Chromosome Kit P	10 culture tubes	10
EKAMTB100	Chromosome Medium P	100 ml/bottle	nearly 20
EKAMTB500	Chromosome Medium P	500 ml/bottle	nearly 100
EKAMTM	Chromosome Kit M	10 culture tubes	10
EKAMTB100M	Chromosome Medium M	100 ml/bottle	nearly 20
EKAMTB500M	Chromosome Medium M	500 ml/bottle	nearly 100

SynchroSet

SynchroSet consists of two solutions, which added to the culture medium, and following an extremely simple protocol, allow the synchronization of the cell cycle in both lymphocytes and bone marrow cells. SynchroSet is a reagent that can be used routinely in the lab, and is also suitable for the production of high numbers of prometaphases in which the chromosomes are appropriate for high resolution banding techniques (up to 850-1000 bands per haploid set). This methodology is suitable for more precise identification of breakpoints and minor abnormalities which often cause severe pluriformative conditions.

Features

- Easy handling, user friendly protocol.
- Tube format ready to use (4 tubes x 1,5 ml each Sol A; 4 tubes x 1,5 ml each Sol B).
- High resolution banding.
- Shelf life: 12 months from production date.
- CE/IVDR marked: manufactured according to the European Community Regulation for *in vitro* Diagnostics (2017/746 EU).



Ordering information

Cat.No.	Description	Q.ty/Format	Number of tests
EKAMTS008	SynchroSet	8 x 1,5 ml/microtubes	nearly 50