FLOW CYTOMETRY KITS FOR IMMUNE MONITORING

NKTEST

+ BASOTEST
+ MIGRATEST
+ PHAGOTEST
+ PHAGOBURST
+ THROMBOCYTEST immune

NKTEST™

Cat #10-0400, 10-0450

Reagent Kit for the Quantitative Determination of the Cytotoxic Activity of Natural Killer (NK) Cells

SIMPLE | STANDARDIZED TEST PROCEDURE | COMPLETE EVALUATION BY FLOW CYTOMETRY

- Simple and **sensitive** method for the routine assessment of NK lytic activity.
- Reagent kit contains cryopreserved K562 target cells, complete medium and staining reagents.
- Avoidance of radioisotope usage and reduction of overall assay time. Easy to distinguish between effector and target cells.
- **Quantitative determination of the cytotoxic activity of natural killer (NK) cells.**

CELONIC
BEYOND BIOMANUFACTURING

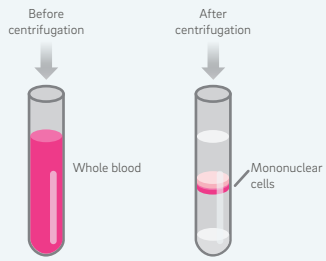
NKTEST™

HANDLING

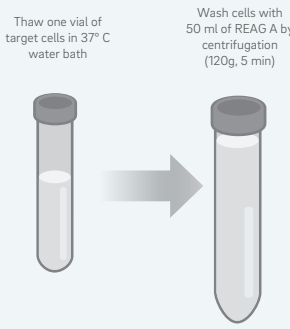
A. SAMPLE PREPARATION

1. ISOLATION OF EFFECTOR CELLS

Isolation of mononuclear cells from whole blood by density gradient centrifugation.

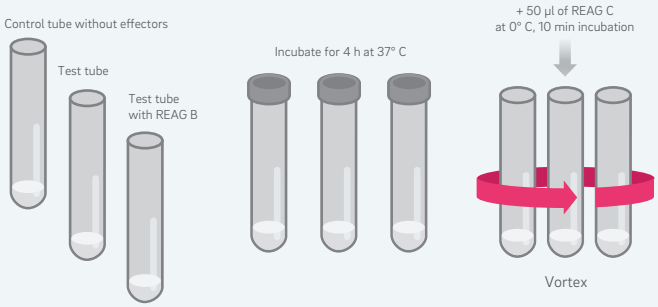


2. THAWING OF TARGET CELLS



3. NK FUNCTIONAL TEST

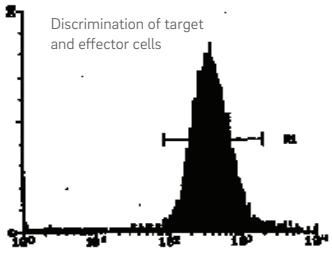
Mix effector cells (100 µl) and target cells (100 µl) at defined E:T ratios



REAG A Complete medium
REAG B Interleukin-2
REAG C DNA staining solution

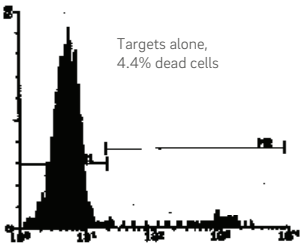
B. MEASUREMENT

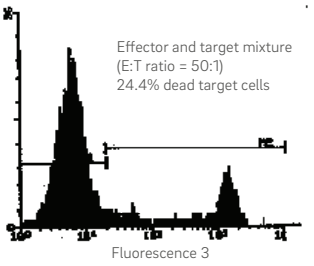
Set a live gate on green fluorescent target cells during acquisition

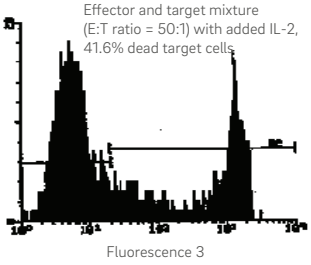


C. DATA EVALUATION

Determine the percentage of dead target cells (= fluorescence 3 positive events)







Report your results.

FOR MORE INFORMATION PLEASE CONTACT US

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