

Diagnostics

BASOTEST

MIGRATEST

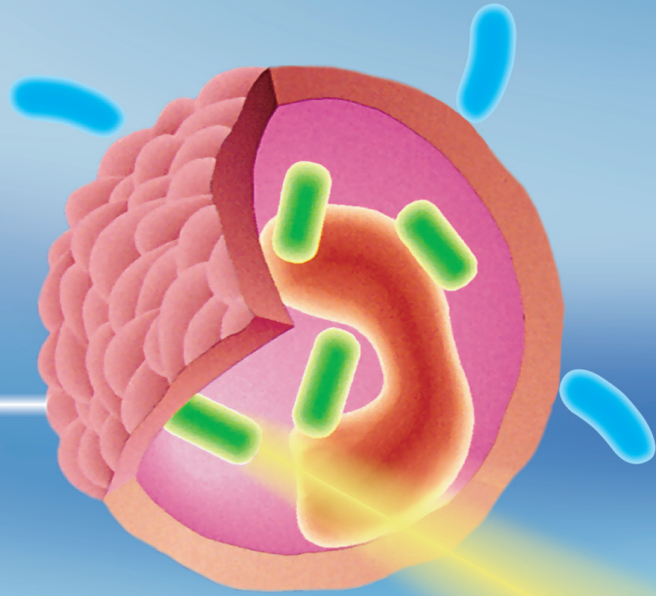
PHAGOTEST

PHAGOBURST

NKTEST

THROMBOCYTEST immune

THROMBOCYTEST plus



PHAGOTEST™

Reagent Kit for the Quantitative Analysis of Leukocyte Phagocytosis in Human Whole Blood

Simple | Fast | Standardized Test Procedure | Complete | CE Certified
Evaluation by Flow Cytometry

Simple and sensitive method for the flow cytometric determination of leukocyte phagocytosis in heparinized whole blood.

Reagent kit contains fluorescein (FITC)-labelled opsonized E.coli bacteria and necessary reagents.

Exclusion of aggregation artifacts by DNA staining. Compatible for simultaneous immunofluorescence staining. Reagent kit is compatible with blood of mice, rats, rabbits, dogs, cattle and other species.

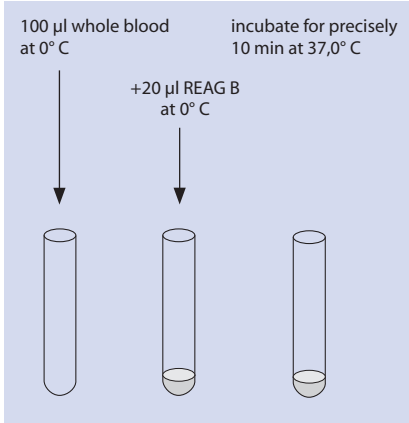
Quantitative analysis of leukocyte phagocytosis in 100 µl of whole blood under optimal conditions without any disturbance by isolation procedures.

PHAGOTEST™ Handling

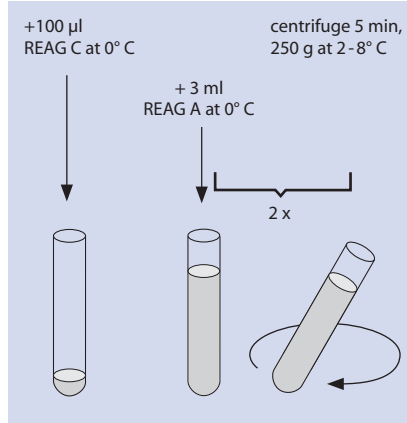
A. Sample Preparation

Simple as you know it from immunofluorescence analysis

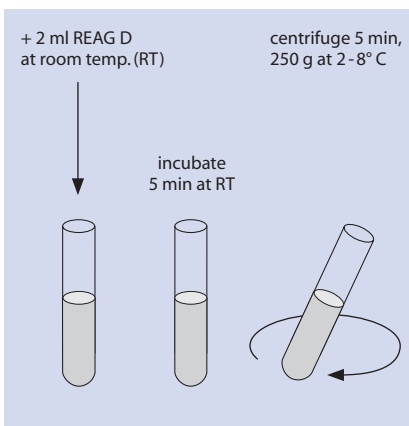
1. Labeling



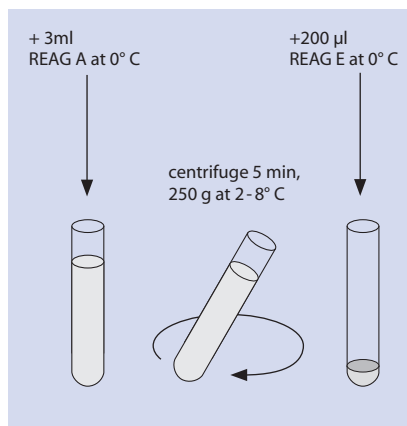
2. Quenching



3. Lysing and Fixation



4. Washing and DNA Staining

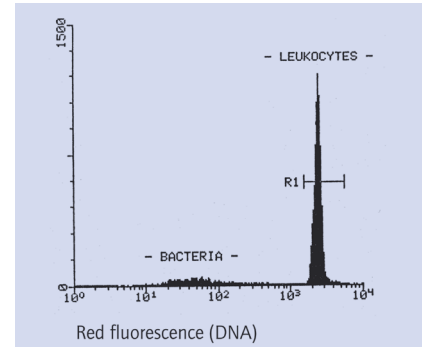


REAG A = wash solution
REAG B = E.coli-FITC ops.
REAG C = quenching solution

REAG D = lysing solution
REAG E = DNA staining solution

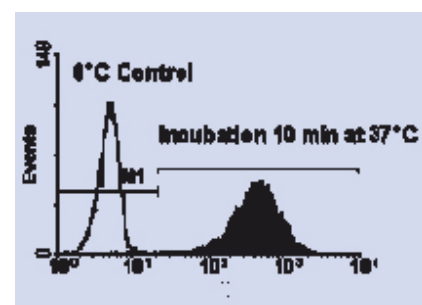
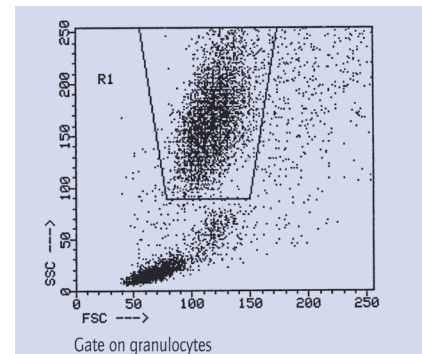
B. Measurement

Gating on leukocytes after DNA staining: Discrimination of bacteria, single leukocytes and doublets



C. Data Evaluation

Gate on monocytes and granulocytes and determine the percentage of phagocytosing cells and their phagocytic activity (= mean fluorescence = number of bacteria per cell)



Report your results

For more information please contact us

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