

# BD MultiSET™

Three- and Four-Color Automated Immunophenotyping Software

*Setting the standard for automation in immunophenotyping*

BD offers the complete clinical solution for your immunophenotyping needs. The comprehensive BD FACS™ MultiSET™ System integrates powerful state-of-the-art software and reagents with the BD FACSCalibur™ flow cytometer to bring precision to your counts and improved productivity to your lab.



BD MultiSET software, for in vitro diagnostic use, is a powerful analytical tool for rapidly enumerating lymphocyte subsets. It offers a new level of automation in an easy-to-use format that will boost productivity in today's clinical laboratory. Used with our

MultiTEST™\* or TriTEST™\* reagents and TruCOUNT™\* Tubes for absolute counts, MultiSET automatically analyzes three- and four-color samples using CD45 vs. SSC or CD3 vs. SSC Expert Gating†—available only from BD.

BD BIOSCIENCES

Immunocytometry Systems



*Easy-to-read Lab Report provides key information regarding set up of the instrument.*

### The Complete Clinical Solution for Your Immunophenotyping Needs

Together with BD's FACSCalibur, FACScan™, or FACSORT™ flow cytometers, TriTEST or MultiTEST reagents, and lyseable whole blood controls, MultiSET software offers a complete immunophenotyping system. Reliability of results in combination with labor-saving automation help today's cost-conscious laboratory improve productivity.

With MultiSET software, lymphocyte subset percentages are easily measured in whole blood using a lyse/no-wash technique. Results include normal reference ranges, T-helper/suppressor ratio, and the option to calculate absolute counts using TruCOUNT Tubes.

### Automated Results from Start to Finish

In typical use, aliquots of patient blood are stained with a panel of TriTEST or MultiTEST reagents in TruCOUNT Tubes for absolute counts. Samples are acquired on the cytometer and analyzed in MultiSET. The software forms a gate around the lymphocytes using an Expert Gate to exclude unwanted cells and debris. Data is then analyzed for the lymphocyte subsets of interest with attractors. The software quickly enumerates the subsets and monitors the results through a series of internal checks to ensure reliable reporting—all automatically.

### Easy-to-Read Reports

MultiSET offers a wide range of easy-to-read reports for the laboratory and the physician.

**Lab Report** contains lymphocyte subset information, including optional absolute counts, reference range checks, T-helper/suppressor ratio, and consistency checks.

**Physician's Report** includes subset statistics in percentages, calculated absolute counts, T-helper/suppressor ratio, bar graphs (for BD or six user-defined reference ranges), consistency check results, and a section for user comments.

**Summary Report** presents information from every patient run, including file storage information.

### Spreadsheet Capability

All patient results can be automatically saved into a spreadsheet for easy transfer to your LIS.

### Increased Productivity

MultiSET provides automatic gating for consistent, reliable reports and minimal operator variability. With built-in consistency checks, you are assured of quality results within each patient run.

Your productivity can be further enhanced with the BD FACS Sample Processor SP-1, for walkaway automation of lyse/no-wash sample preparation, and the BD FACS Loader, for automated sample acquisition.

The user-friendly benefits of the Mac® OS translate to a shorter learning curve for your personnel and faster performance every time.

### Leading the Way in Cell Analysis

For more information on how your laboratory can automate immunophenotyping with MultiSET, contact your local BD Biosciences representative today.



\* For In Vitro Diagnostic Use.

† Patent pending

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**BD Biosciences** [www.bdbiosciences.com](http://www.bdbiosciences.com)

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Indispensable to  
human health