

# **Analysis of Transfusion Diagnostic Technologies And Strategic Profiles of Leading Suppliers**

## **Table of Contents**

### **Current and Emerging Technologies**

#### **Molecular Diagnostics**

- a. Overview
- b. NAT

#### **Monoclonal and Polyclonal Antibodies**

#### **Immunoassays**

- a. Technological Principle
- b. Chemiluminescence
- c. Enzyme Immunoassays (EIA)
  - Overview
  - ELISA
  - EMIT
  - Electrochemical
- d. Radioimmunoassays (RIA)
- e. Immunoprecipitation
- f. Affinity Chromatography

#### **Microtitration Plates**

#### **IT and Automation**

#### **Lasers**

#### **Robotics**

#### **Synthetic Red Cell Substitutes**

#### **Genetically Engineered Blood Components**

- a. Albumin
- b. Factor VIII
- c. Alpha-2 Antiplasmin
- d. Antithrombin III
- e. Factor IX
- f. Von Willebrand's Factor
- g. Fibrinogen
- h. t-PA

## Table of Contents (Continued)

### **Blood Preservation**

### **Autologous Blood Transfusion/Freezing**

### **Competitive Profiles**

- Abbott
- Beckman Coulter/Danaher
- Becton Dickinson
- Biokit
- BioMerieux
- Bio-Rad
- CellMark Forensics/LabCorp
- Diagast
- DiaSorin
- Fujirebio
- Grifols
- Hologic/Gen-Probe
- Immucor
- Ortho-Clinical Diagnostics
- Proteome Sciences
- Quest Diagnostics
- Roche
- Siemens
- Tecan
- Thermo Fisher