

TUMOR MARKERS: US, EUROPE, JAPAN
Emerging Opportunities And Business Expansion Strategies

Table of Contents

Introduction

Worldwide Market and Technology Overview

- A. Cancer Statistics and Etiology**
 - 1. Bladder
 - 2. Breast
 - 3. Cervical
 - 4. Colon and Rectum
 - 5. Endometrial
 - 6. Esophagus
 - 7. Head and Neck
 - 8. Leukemia
 - 9. Lung
 - 10. Lymphoma
 - 11. Oral
 - 12. Ovarian
 - 13. Prostate
 - 14. Renal Cell Carcinoma
 - 15. Skin
 - 16. Stomach
 - 17. Uterine
- B. Major Current And Emerging Tumor Marker**
 - 1. Introduction
 - 2. Tumor Marker Classification
 - 3. ACTH
 - 4. Alpha-Fetoprotein (AFP)
 - 5. Beta-2 Microglobulin
 - 6. CA 15-3/27.29
 - 7. CA 19-9
 - 8. CA-125
 - 9. Calcitonin
 - 10. Carcinoembrionic Antigen (CEA)
 - 11. Estrogen and Progesterone Receptors
 - 12. Ferritin
 - 13. Gastrin
 - 14. Human Chorionic Gonadotropin (HCG)
 - 15. Insulin
 - 16. Lymphocytes CD4/CD8

Table of Contents (continued)

17. *NSE*
18. *Occult Blood*
19. *PAP Smear/HPV*
20. *Prostatic Acid Phosphatase (PAP)*
21. *Prostate-Specific Antigen (PSA)*
22. *Squamous Cell Carcinoma Antigen (SCC)*
23. *TdT*
24. *Thyroglobulin*
25. *Tissue Polypeptide Antigen (TPA)*
26. *Biochemical Tumor Markers*
 - *ADA*
 - *B-Protein*
 - *PNP*
 - *5'-Nucleotidase*
27. *Oncogenes*
 - *Abl/abl-bcr*
 - *AIB1*
 - *APC*
 - *BTA 26*
 - *BCL-2*
 - *BCR-ABL*
 - *B-raf*
 - *BRCA*
 - *CD44*
 - *CDK*
 - *C-abl*
 - *C-fos*
 - *C-myb*
 - *C-myc*
 - *CYCD1*
 - *CYP-17*
 - *DPC*
 - *E-myc*
 - *Erb-B*
 - *HER-2/neu*
 - *HPC1*
 - *HSTF*
 - *L-myc*
 - *MET*
 - *MSH*
 - *NEU*
 - *N-myc*

Table of Contents (continued)

- N-telopeptide
- PCA3
- PIK3CA
- PTI-1
- P10
- P40
- P51
- ? P53
- ? Ras
- ? Reg
- ? RET
- ? sFas
- ? Sis
- Src
- 28. Polypeptide Growth Factors
 - ? Basic Fibroblast Growth Factor
 - ? Beta-TGF
 - Cachectin (TNT)
 - ? Calmodulin
 - ? ECFR
 - ? Nerve Growth Factor (NGF)
 - ? Epidermal Growth Factor (EGF)
 - ? Ornithine Decarboxylase
 - ? Transferrin
 - ? Transforming Growth Factor-Alpha
- 29. Ectopic Hormones
- 30. Colony Stimulating Factors
- 31. Lymphokines
 - ? Alpha-Interferon
 - ? B Cell Growth Factors
 - ? B Cell Growth Factor (BCGF)
 - ? Gamma-Interferon
 - ? Interleukin-1 (IL-1)
 - ? Macrophage Activating Factor
- 32. Immunohistochemical Stains
- 33. Emerging Tumor Markers
 - ? N-Acetylglucosamine
 - ? Actin
 - ? Alpha-Actin
 - ? Angiogenin
 - ? Angiostatin
 - ? Antineuronal Antibodies

Table of Contents (continued)

-	7B2
?	B72.3
-	B-Protein
?	Bax
-	BCD-F9
?	BLCA-4
-	Blood Group Antigens A,B,H
?	BTA
-	CA 50
?	CA 72-4/TAG-72
-	CA 195
?	CA-242
-	CA-549
?	Cadherin
-	CAM 26
?	CAR-3
-	CD105
?	Cathepsin-D
-	Chromogranin A and B
?	Cluster 1 Antigen
-	Cluster-5/5A Antigen
?	COX Antigen
-	CTA
?	CU18
-	Cyclin
?	DR-70
-	DU-PAN-2
?	Endometrial Bleeding Associated Factor
-	Endostatin
?	Epithelial Membrane Antigen
-	FDP
?	Feulgen Hydrolysis
-	Fibronectin
?	FSH
-	(1->3)-L-fucosyltransferase
?	Gastrin-Releasing Peptide (GRP)
-	GDCFP-15
?	Glucagon
-	Glycoamines
?	H23
-	HAAH
?	hk3

Table of Contents (continued)

- HPA
- ? HSP27
- Human Carcinoma Antigen
- ? ICAM
- Intermediate Filaments
 - Cytokeratins/CK18/Cyfra 21-1
 - Desmin
 - Gliofibrillary Acid Protein
 - Neurofilaments
 - Vimentin
- ? KA 93
- Kallikrein
- Kinases
- ? KP16D3
- LAI
- ? Leukocyte Common Antigen
- Lewis Antigens
- ? Lysophosphatidic Acid (LPA)
- Ma 695/Ma 552
- ? MABDF3
- MAG
- ? ME1
- Minactivin
- ? MN/CA9
- MSA
- ? Mucin Cancer Antigen (MCA)
- Multiple Tumor Suppressor 1
- ? Myosin
- NEA-130
- ? NMP22
- Nucleolar
- OA-519
- ? Opioid Peptides
- P-glycoprotein
- ? Pancreatic Oncofetal Antigen (POA)
- Parathyroid Hormone
- ? Placental Lactogen
- PR92
- ? Proliferative Index, Ki-67
- Px
- ? RB Inactivation/Deletion

Table of Contents (continued)

- Ret
- ? S-100 Protein
- SCCL 175
- ? Selectin
- Serotonin
- ? Sialic Acid
- Sialyl SSEA-1/SLX
- ? SN10
- Somatostatin
- ? TA-90
- TABA
- ? Tachykinin
- TAG 12
- ? TPS
- Troponin
- ? Tubulin
- VCAM
- ? VEGF
- Villen
- White Blood Cell Markers

C. Instrumentation Review And
Market Needs

1. Abbott AxSYM
2. Abbott IMx
3. Anagen AN2000/AuraFlex
4. Beckman Coulter Access
5. BioChem Pharma SR1
6. bioMerieux Vidas Series
7. Biotrol Systems 7000
8. J&J Diagnostics/Amersham Amerlite
9. J&J Diagnostics Vitros ECI
10. Olympus PK Series
11. Roche Cobas Core
12. Roche Elecsys
13. Roche ES 22
14. Roche ES 33
15. Roche ES 300/300 AL
16. Siemens ACS: 180
17. Siemens ACS: Centaur
18. Siemens ELISA Processor II/III
19. Siemens Immuno 1
20. Siemens/Opus/Plus/Magnum

Table of Contents (continued)

- 21. *Siemens Stratus*
- 22. *Tosoh AIA Series*
- 23. *Wallac/Pharmacia Delfia*
- D. *Current and Emerging Technologies*
 - 1. *Monoclonal and Polyclonal Antibodies*
 - 2. *Immunoassays*
 - a. *Technological Principle*
 - b. *Radioimmunoassay (RIA)*
 - c. *Enzyme Immunoassays (EIA)*
 - *Overview*
 - *ELISA*
 - *Immunofiltration*
 - *Particle-Membrane Capture Immunoassay*
 - *Enzyme Amplification*
 - d. *Fluorescent Immunoassays*
 - e. *Luminescence*
 - *Chemiluminescence*
 - *Bioluminescence*
 - 3. *Molecular Diagnostics*
 - a. *Technology Overview*
 - b. *Amplification Methods*
 - *PCR*
 - *DAP-PCR*
 - *Immuno-PCR*
 - *QC-PCR*
 - *CAR*
 - *DNA*
 - *HPA*
 - *LCR*
 - *NASBA*
 - *QBR*
 - *SDA*
 - *3 SR, and others*
 - 4. *Biochips/Microarrays*
 - 5. *Chromosome Analysis*
 - a. *Chronic Myelogenous Leukemia (CML)*
 - b. *Acute Myeloid Leukemia (AML)*
 - c. *Acute Lymphoblastic Leukemia (ALL)*
 - d. *Malignant Lymphomas*
 - Lymphoid Malignancies*
 - e. *Chronic Lymphocytic Leukemia (CLL)*
 - f. *Solid Cancers*
 - g. *Chromosomal Translocation and Oncogenes*

Table of Contents (continued)

- 6. *Microcomputers and Automation*
- 7. *Artificial Intelligence*
- 8. *Flow Cytometry*
- 9. *Biosensors*
- E. *Competing/Complementing Technologies*
 - 1. *CT*
 - 2. *MRI*
 - 3. *NMR*
 - 4. *PET*
 - 5. *Photonics Spectroscopy*
- F. *Business Environment*
 - 1. *Worldwide Market Structure*
 - 2. *Worldwide Market Size and Growth*
- G. *Personal Testing*

France

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

Germany

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

Italy

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

Japan

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

Table of Contents (continued)

Spain

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

U.K.

- A. *Executive Summary*
- B. *Business Environment*
- C. *Market Structure*
- D. *Market Size, Growth and Major Suppliers*

U.S.A.

- A. *Executive Summary*
- B. *Business Environment*
 - 1. *Health Care Expenditures*
 - 2. *Cost Consciousness*
 - 3. *Reimbursement*
 - 4. *Industry Consolidation*
 - 5. *Managed Care*
 - a. *HMO*
 - b. *PPO*
 - 6. *Hospitals*
 - 7. *Admissions*
 - 8. *Length of Stay*
 - 9. *Industry Diversification*
 - 10. *Physician Demographics*
 - 11. *Population Aging*
 - a. *Chronic Illness*
 - b. *Disease Incidence*
 - c. *Susceptibility to Iatrogenesis*
 - d. *Multiple Illness Cases*
 - 12. *Laboratory Regulations*
 - 13. *FDA Reform*
- C. *Market Structure*
 - 1. *Centralized Testing*
 - a. *Hospitals*
 - b. *Commercial/Private Laboratories*
 - 2. *POT/Decentralized Testing*
 - a. *Physician Offices/Group Practices*

Table of Contents (continued)

- b. Cancer Clinics
- c. Other Decentralized Testing Locations
- D. Market Size, Growth and Major Suppliers Sales,
Instrument Placements and Market Shares

Major Product Development Opportunities

- A. Reagent Kits and Test Systems/Panels
- B. Instrumentation
- C. Computers, Software and Automation
- D. Auxiliary Products

Design Criteria for Decentralized Testing Products

Alternative Market Penetration Strategies

- A. Internal Development
 - B. Collaborative Arrangements
 - C. University Contracts
 - D. Distribution Strategies
-
- 1. Marketing Approaches
 - 2. Product Complexity
 - 3. Customer Preference
 - 4. Established Suppliers
 - 5. Emerging Suppliers
 - 6. Major Types of Distributors
 - 7. Market Segmentation Factor

Potential Market Entry Barriers and Risks

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

Table of Contents (continued)

Competitive Profiles

- Abbott
- AdnaGen
- Ambrilia Biopharma
- AMDL
- Beckman Coulter
- Becton Dickinson
- Biomedical Diagnostics
- bioMerieux
- Bio-Rad
- CanAG Diagnostics
- CeMines
- Cepheid
- Correlogic Systems
- Dako
- Decode
- Diadexus
- Diagnocure
- Diasorin
- Eiken Chemical
- Enterix
- Enzo Biochem
- Epigenomics
- Exact Sciences
- Fujirebio
- Gen-Probe
- Guided Therapeutics
- Hologic
- Ipsogen
- J&J Diagnostics
- Kreatech
- Kyowa Medex
- Mackay Life Sciences
- Matritech
- Myriad Genetics
- OncoLab
- Panacea Pharmaceuticals
- Polartech
- Polymedco
- PreMD
- Qiagen

Table of Contents (continued)

- *Radiant Pharmaceuticals*
- *Roche*
- *Scienion*
- *Sequenom*
- *Siemens Healthcare*
- *Takara Bio*
- *Targeted Diagnostics & Therapeutics*
- *Tosoh*
- *Veridex*
- *Wako Pure Chemicals*
- *Wallac*
- *Zila*

Appendixes

- Appendix I: Major Companies Developing or Marketing Tumor Marker Reagents and Instruments*
- Appendix II: Major Universities and Research Centers Developing Tumor Marker Detection Technologies and Applications*
- Appendix III: Assumed Currency Exchange Rates*

List of Tables

Tumor Marker Classification

*Major Companies Developing or Marketing
ACTH Tests*

*Major Companies Developing or Marketing
AFP Tests*

*Major Companies Developing or Marketing
Beta-2 Microglobulin Tests*

*Major Companies Developing or Marketing
CA 15-3/27.29 Tests*

*Major Companies Developing or Marketing
CA 19-9 Tests*

*Major Companies Developing or Marketing
CA 125 Tests*

*Major Companies Developing or Marketing
Calcitonin Tests*

*Major Companies Developing or Marketing
CEA Tests*

*Major Companies Developing or Marketing
Estrogen Receptor Tests*

*Major Companies Developing or Marketing
Progesterone Receptor Tests*

*Major Companies Developing or Marketing
Ferritin Tests*

*Major Companies Developing or Marketing
Gastrin Tests*

List of Tables (continued)

*Major Companies Developing or Marketing
HCG Tests*

*Major Companies Developing or Marketing
Insulin Tests*

*Major Companies Developing or Marketing
NSE Tests*

*Major Companies Developing or Marketing
Occult Blood Tests*

*Major Companies Developing or Marketing
PAP Smear/HPV Tests*

*Major Companies Developing or Marketing
PAP Tests*

*Major Companies Developing or Marketing
PSA Tests*

*Major Companies Developing or Marketing
Lymphocyte Subclassification Tests*

*Biochemical Markers Potential Applications
In Cancer Diagnosis*

*Oncogenes Potential Applications
In Cancer Diagnosis*

*Major Companies Developing or Marketing
Oncogene Tests*

*Growth Factors Potential Applications
In Cancer Diagnosis*

*Colony Stimulating Factors Potential
Applications in Cancer Diagnosis*

*Lymphokines Potential Applications
In Cancer Diagnosis*

List of Tables (continued)

*Immunohistochemical Stains Potential
Applications in Cancer Diagnosis*

*Executive Summary Table: France, Total Tumor
Marker Test Volume and Sales Forecast by Market
Segment*

*France, Estimated Cancer Death Rates
Per 100,000 Population*

*France, Laboratories Performing Tumor
Marker Tests by Market Segment*

*France, Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*France, Commercial/Private Laboratories
Performing Tumor Markers by Annual
Test Volume*

*France, Total Tumor Marker Volume
Forecast by Market Segment*

*France, All Market Segments Major Tumor
Marker Test Volume Forecast*

*France, Hospital Laboratories Major Tumor
Marker Test Volume Forecast by Test*

*France, Commercial/Private Laboratories
Major Tumor Marker Test Volume Forecast*

*France, Total Tumor Marker Sales Forecast
By Market Segment*

*France, All Market Segments Major Tumor
Marker Sales Forecast by Test*

*France, Hospital Laboratories Major Tumor
Marker Sales Forecast by Test*

List of Tables (continued)

*France, Commercial/Private Laboratories
Tumor Marker Market Forecast by Test*

*France, ACTH Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, AFP Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, Beta-2 Microglobulin Test Volume and
Diagnostics Sales Forecast by Market Segment*

*France, CA 15-3/27.29 Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, CA 19-9 Test Volume and Diagnostics
Sales Forecast by Market*

*France, CA-125 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, Calcitonin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, Cathepsin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, CEA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, Colon-Specific Antigen Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*France, Cytokeratins Test Volume and
Diagnostics Sales Forecast by Market Segment*

List of Tables (continued)

*France, Estrogen Receptor Test Volume and
Diagnostics Sales Forecast by Market Segment*

*France, Ferritin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Gastrin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, HCG Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, Interferons Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Interleukins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Lymphocyte Subtyping Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*France, NSE Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, Nucleolar Test Volume and Diagnostics
Sales Forecast by Market Segment*

*France, Occult Blood Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*France, Oncogenes Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Pancreatic Oncofetal Antigen
Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, PAP Smear Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Parathyroid Hormone Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Progesterone Receptor Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*France, PAP Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, PSA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, S-100 Protein Test Volume and Sales
Diagnostics Sales Forecast by Market
Segment*

*France, Serotonin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*France, Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, TDT Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, Thymidine Kinase Test Volume
And Diagnostics Sales Forecast by
Market Segment*

*France, Thyroglobulin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*France, TPA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*France, Total Tumor Marker Sales
By Major Suppliers*

*France, AFP Testing Market Diagnostics
Sales by Major Supplier*

*France, CA 15-3 Testing Market Diagnostics
Sales by Major Supplier*

*France, CA 19-9 Testing Market Diagnostics
Sales by Major Supplier*

*France, CA 125 Testing Market Diagnostics
Sales by Major Supplier*

*France, CEA Testing Market Diagnostics
Sales by Major Supplier*

*France, NSE Testing Market Diagnostics
Sales by Major Supplier*

List of Tables (continued)

*France, PAP Testing Market Diagnostics
Sales by Major Supplier*

*France, PSA Testing Market Diagnostics
Sales by Major Supplier*

*France, Tumor Marker Testing
Instrumentation Major Systems
Estimated Placements and Installed
Base by Supplier and Model*

*Executive Summary Table: Germany, Total
Tumor Marker Test Volume and Sales Forecast
By Market Segment*

*Germany, Estimated Cancer Death Rates
Per 100,000 Population*

*Germany, Laboratories Performing Tumor
Marker Tests by Market Segment*

*Germany, Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*Germany, Commercial/Private Laboratories
Performing Tumor Marker Tests by Annual
Volume*

*Germany, Total Tumor Marker Test Volume
Forecast by Market Segment*

*Germany, All Market Segments, Major Tumor
Marker Test Volume Forecast*

*Germany, Hospital Laboratories, Major
Tumor Marker Test Volume Forecast by
Assay*

List of Tables (continued)

*Germany, Commercial/Private Laboratories
Major Tumor Marker Test Volume
Forecast*

*Germany, Physician Offices/Group
Practices Major Tumor Marker
Test Volume Forecast*

*Germany, Total Tumor Marker Sales
Forecast by Market Segment*

*Germany, All Market Segments Major Tumor
Marker Sales Forecast by Assay*

*Germany, Hospital Laboratories, Major Tumor
Marker Sales Forecast by Test*

*Germany, Commercial/Private Laboratories
Major Tumor Marker Sales Forecast by Test*

*Germany, Physician Offices/Group Practices
Major Tumor Marker Sales Forecast by Test*

*Germany, ACTH Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, AFP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Beta-2 Microglobulin Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*Germany, CA-15-3/27.29 Test Volume and
Diagnostics Sales Forecast by Market Segment*

*Germany, CA-19 Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*Germany, CA 125 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Calcitonin Test Volume and
Diagnostic Sales Forecast by Market
Segment*

*Germany, Cathepsin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, CEA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Germany, Colon-Specific Antigen Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*Germany, Cytokeratins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Estrogen Receptor Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Ferritin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Gastrin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, HCG, Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Interferons Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*Germany, Interleukins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Lymphocyte Subtyping Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, NSE Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Nucleolar Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Occult Blood Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Oncogenes Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Pancreatic Oncofetal Antigen
Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Germany, Pap Smear Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Parathyroid Hormone Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Progesterone Receptor Test Volume
And Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*Germany, PAP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, PSA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, S-100 Protein Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Serotonin Test Volume and
Diagnostics Sales Forecast by Mar
Segment*

*Germany, Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics Sales Forecast
By Market Segment*

*Germany, TDT Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Thymidine Kinase Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, Thyroglobulin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Germany, TPA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Germany, Total Tumor Marker Sales
By Major Supplier*

List of Tables (continued)

*Germany, AFP Testing Market Diagnostics
Sales by Major Supplier*

*Germany CA 15-3/27.29 Testing Market
Diagnostics Sales by Major Supplier*

*Germany CA 19-9 Testing Market Diagnostics
Sales by Major Supplier*

*Germany, CA 125 Testing Market Diagnostics
Sales by Major Supplier*

*Germany, CEA Testing Market Diagnostics
Sales by Major Supplier*

*Germany, PSA Testing Market Diagnostics
Sales by Major Supplier*

*Germany, Tumor Marker Testing
Instrumentation Major Systems*

*Estimated Placements and Installed Base
By Supplier and Model*

*Executive Summary Table: Italy, Total Tumor
Marker Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Italy, Estimated Cancer Death Rates
Per 100,000 Population*

*Italy, Laboratories Performing Tumor
Marker Tests by Market Segment*

*Italy, Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*Italy, Commercial/Private Laboratories
Performing Tumor Markers by Annual
Test Volume*

List of Tables (continued)

*Italy, Total Tumor Marker Test Volume
Forecast by Market Segment*

*Italy, All Market Segments Major Tumor Marker
Test Volume Forecast*

*Italy, Hospital Laboratories Major Tumor
Marker Test Volume Forecast*

*Italy, Commercial/Private Laboratories
Major Tumor Marker Test Volume
Forecast*

*Italy, Total Tumor Marker Market
Forecast by Market Segment*

*Italy, All Market Segments Major Tumor
Marker Sales Forecast by Test*

*Italy, Hospital Laboratories Major
Tumor Marker Forecast by Test*

*Italy, Commercial/Private Laboratories
Major Tumor Marker Sales Forecast by
Test*

*Italy, ACTH Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, AFP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, Beta-2 Microglobulin Test Volume
And Diagnostics Sales Forecast by
Market Segment*

*Italy, CA 15-3/27.29 Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*Italy, CA-19-9 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, CA 125 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, Calcitonin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, CEA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Italy, Colon Specific Antigen Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*Italy, Cytokeratins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Italy, Estrogen Receptor Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Italy, Ferritin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, Gastrin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, HCG Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Italy, Lymphocyte Subtyping Test Volume
And Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

Italy, NSE Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Occult Blood Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Oncogenes Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Pancreatic Oncofetal Antigen Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, PAP Smear Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Parathyroid Hormone Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Progesterone Receptor Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, PAP Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, PSA Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, S-100 Test Volume and Diagnostics Sales Forecast by Market Segment

Italy, Serotonin Test Volume and Diagnostics Sales Forecast by Market Segment

List of Tables (continued)

*Italy, Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Italy, Squamous Cell Carcinoma Antigen Test
Volume and Diagnostics Sales Forecast by
Market Segment*

*Italy, TDT Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Italy, Thymidine Kinase Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Italy, Thyroglobulin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Italy, TPA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Italy, Total Tumor Markers
Sales by Major Supplier*

*Italy, AFP Testing Market Diagnostics
Sales by Major Supplier*

*Italy, CEA Testing Market Diagnostics
Sales by Major Supplier*

*Italy, PSA Testing Market Diagnostics
Sales by Major Supplier*

*Italy, Tumor Marker Testing Instrumentation
Major Non-Isotopic Systems Estimated
Installed Base by Supplier and Model*

List of Tables (continued)

Executive Summary Table: Japan, Total Tumor Marker Test Volume and Sales Forecast by Market Segment

Japan, Estimated Cancer Death Rates Per 100,000 Population

Japan, Laboratories Performing Tumor Marker Tests by Market Segment

Japan, Hospital Laboratories Performing Tumor Marker Tests by Bed Size

Commercial/Private Laboratories Performing Tumor Marker Tests By Annual Volume

Japan, Total Tumor Marker Test Volume Forecast by Market Segment

Japan, All Market Segments Major Tumor Marker Test Volume Forecast

Japan, Hospital Laboratories Major Tumor Marker Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories Major Tumor Marker Test Volume Forecast

Japan, Total Tumor Marker Sales Forecast by Market Segment

Japan, All Market Segments Major Tumor Marker Sales Forecast by Test

Japan, Hospital Laboratories Major Tumor Marker Sales Forecast by Test

Japan, Commercial/Private Laboratories Major Tumor Marker Sales Forecast by Test

List of Tables (continued)

Japan, ACTH Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, AFP Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Beta-2 Microglobulin Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, CA 15-3/27.29 Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, CA 19-9 Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, CA-125 Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Calcitonin Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Cathepsin Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, CEA Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Chromogranin Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Colon-Specific Antigen Test Volume And Diagnostics Sales Forecast by Market Segment

List of Tables (continued)

*Japan, Cytokeratins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Estrogen Receptor Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Ferritin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Gastrin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, HCG Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Japan, Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, Interferons Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Interleukins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Lymphocyte Subtyping Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, NSE Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Japan, Nucleolar Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*Japan, Occult Blood Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Oncogenes Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Pancreatic Oncofetal Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, PAP Smear Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Parathyroid Hormone
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, Progesterone Receptor
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, PAP Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Japan, PSA Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Japan, S-100 Protein Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Serotonin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*Japan, Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Japan, Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics Sales
Forecast by Market Segment*

*Japan, TDT Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, Thymidine Kinase
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, Thyroglobulin
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, TPA, Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Japan, Total Tumor Marker
Sales by Major Supplier*

*Japan, AFP Testing Market Diagnostics
Sales by Major Supplier*

*Japan, CA 15-3/27.29 Testing Market
Diagnostics Sales by Major Supplier*

*Japan, CA 19-9 Testing Market Diagnostics
Sales by Major Supplier*

*Japan, CA 125 Testing Market Diagnostics
Sales by Major Supplier*

*Japan, Calcitonin Testing Market Diagnostics
Sales by Major Supplier*

List of Tables (continued)

*Japan, CEA Testing Market Diagnostics
Sales by Major Supplier*

*Japan, NSE Testing Market Diagnostics
Sales by Major Supplier*

*Japan, PAP Testing Market Diagnostics
Sales by Major Supplier*

*Japan, PSA Testing Market Diagnostics
Sales by Major Supplier*

*Japan, Tumor Marker Testing
Instrumentation, Major System
Estimated Placements and Installed Base
By Supplier and Model*

*Executive Summary Table: Spain, Total
Tumor Marker Test Volume and Sales
Forecast by Market Segment*

*Spain, Estimated Cancer Death Rates
Per 100,000 Population*

*Spain, Laboratories Performing Tumor
Marker Tests by Market Segment*

*Spain, Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*Spain, Commercial/Private Laboratories
Performing Tumor Markers by
Annual Test Volume*

*Spain, Total Tumor Marker Test Volume
Forecast by Market Segment*

*Spain, All Market Segment Major Cancer
Diagnostic Test Volume Forecast*

List of Tables (continued)

Spain, Hospital Laboratories Major Cancer Diagnostic Test Volume Forecast by Test

Spain, Commercial/Private Laboratories Major Tumor Marker Test Volume Forecast

Spain, Total Tumor Marker Sales Forecast by Market Segment

Spain, All Market Segments Major Tumor Marker Sales Forecast by Test

Spain, Hospital Laboratories Major Tumor Marker Sales Forecast by Test

Spain, Commercial/Private Laboratories Major Tumor Marker Sales Forecast by Test

Spain, AFP Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Beta-2 Microglobulin Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, CA 15-3 Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, CA 19-9 Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, CA-125 Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Calcitonin Test Volume and Diagnostics Sales Forecast by Market Segment

List of Tables (continued)

Spain, CEA Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Colon-Specific Antigen Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Estrogen Receptor Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Ferritin Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Gastrin Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, HCG Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Insulin Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Lymphocyte Subtyping Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, NSE Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Occult Blood Test Volume and Diagnostics Sales Forecast by Market Segment

Spain, Oncogenes Test Volume and Diagnostics Sales Forecast by Market Segment

List of Tables (continued)

*Spain, Pancreatic Oncofetal Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, PAP Smear Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Spain, Parathyroid Hormone Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*Spain, Progesterone Receptor
Test Volume and Diagnostics Sales Forecast
by Market Segment*

*Spain, PAP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, PSA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, S-100 Protein Test Volume
And Diagnostics Sales Forecast by Market
Segment*

*Spain, Serotonin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Spain, Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*Spain, Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics Sales Forecast
by Market Segment*

*Spain, TDT Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*Spain, Thymidine Kinase
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, Thyroglobulin
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, TPA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*Spain, Total Tumor Marker Sales by
Major Supplier*

*Spain, AFP Testing Market Diagnostics
Sales by Major Supplier*

*Spain, CA 15-3/27.29 Testing Market
Diagnostics Sales by Major Supplier*

*Spain, 19-9 Testing Market Diagnostics
Sales by Major Supplier*

*Spain, CA 125 Testing Market Diagnostics
Sales by Major Supplier*

*Spain, CEA Testing Market Diagnostics
Sales by Major Supplier*

*Spain, PSA Testing Market Diagnostics
Sales by Major Supplier*

*Spain, Tumor Marker Testing Instrumentation
Major Systems Estimated Placements and
Installed Base by Supplier and Model*

*Executive Summary Table: U.K., Total
Tumor Marker Test Volume and Sales
Forecast by Market Segment*

List of Tables (continued)

*U.K., Estimated Cancer Death Rates
Per 100,000 Population*

*U.K., Laboratories Performing Tumor
Marker Tests by Market Segment*

*U.K., Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*U.K., Commercial/Private Laboratories
Performing Tumor Marker Tests by
Annual Test Volume*

*U.K., Total Tumor Marker Testing Volume
Forecast by Market Segment*

*U.K., All Market Segments Major
Tumor Marker Test Volume Forecast*

*U.K., Hospital Laboratories Major
Tumor Marker Test Volume Forecast by
Assay*

*U.K., Commercial/Private Laboratories
Major Tumor Marker Test Volume
Forecast*

*U.K., Total Tumor Marker Sales
Forecast by Market Segment*

*U.K., All Market Segments Major
Tumor Marker Sales Forecast by Test*

*U.K., Hospital Laboratories Major
Tumor Marker Sales Forecast by Test*

*U.K., Commercial/Private Laboratories
Major Tumor Marker Sales Forecast by
Test*

List of Tables (continued)

U.K., ACTH Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., AFP Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., Beta-2 Microglobulin Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., CA 15-3/27.29 Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., CA 19-9 Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., CA-125 Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., Calcitonin Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., CEA Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., Colon-Specific Antigen Test Volume And Diagnostics Sales by Market Segment

U.K., Cytokeratins Test Volume and Diagnostics Sales Forecast by Market Segment

U.K., Estrogen Receptor Test Volume and Diagnostics Sales Forecast by Market Segment

List of Tables (continued)

*U.K., Ferritin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., Gastrin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., HCG Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Lymphocyte Subtyping Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., NSE Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Occult Blood Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., Oncogenes Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., Pancreatic Oncofetal Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., PAP Smear Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Parathyroid Hormone
Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*U.K., Progesterone Receptor
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., PAP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., PSA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., S-100 Protein Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., Serotonin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Sialic Acid Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.K., Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., TDT Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Thymidine Kinase
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., Thyroglobulin
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.K., TPA Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*U.K., Total Tumor Marker Sales and
Market Shares Forecast*

*U.K., CEA Testing Market Diagnostics
Sales by Major Supplier*

*U.K., PSA Testing Market Diagnostics
Sales by Major Supplier*

*U.K., Tumor Marker Testing
Instrumentation Major Systems
Estimated Placements and Installed Base
By Supplier and Model*

*Executive Summary Table: U.S., Total Tumor
Marker Test Volume and Sales Forecast by
Market Segment*

U.S., Estimated New Cancer Cases and Deaths

*U.S., Estimated Cancer Death Rates
Per 100,000 Population*

*U.S., Laboratories Performing Tumor
Marker Tests by Market Segment*

*U.S., Hospital Laboratories Performing
Tumor Marker Tests by Bed Size*

*U.S., Commercial/Private Laboratories
Performing Tumor Marker Tests by
Annual Test Volume*

*U.S., Physician Office Laboratories
Performing Tumor Marker Tests by
Practice Size*

*U.S., Total Tumor Marker Test Volume
Forecast by Market Segment*

List of Tables (continued)

*U.S., All Market Segments Major
Tumor Marker Test Volume Forecast*

*U.S., Hospital Laboratories Major Tumor
Marker Test Volume Forecast by Test*

*U.S., Commercial/Private Laboratories
Major Tumor Marker Test Volume
Forecast*

*U.S., Physician Offices/Group Practices
Major Tumor Marker Test Volume
Forecast*

*U.S., Cancer Clinics Major Tumor
Marker Test Volume Forecast by Assay*

*U.S., Total Tumor Marker Sales
Forecast by Market Segment*

*U.S., All Market Segment Major Tumor
Marker Sales Forecast by Test*

*U.S., Hospital Laboratories Major Tumor
Marker Sales Forecast by Test*

*U.S., Commercial/Private Laboratories
Major Tumor Marker Sales Forecast by Test*

*U.S., Physician Offices/Group Practices
Major Tumor Marker Sales Forecast by Test*

*U.S., Cancer Clinics Major Tumor
Marker Sales Forecast by Test*

*U.S., ACTH Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*U.S., AFP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Beta-2 Microglobulin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., CA 15-3/27.29 Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., CA 19-9 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., CA-125 Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Calcitonin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Cathepsin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., CEA Test Volume and Diagnostics
Sales by Market Segment*

*U.S., Chromogranin Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Colon-specific Antigen Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Cytokeratins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

List of Tables (continued)

*U.S., Estrogen Receptor Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Ferritin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Gastrin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., HCG Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Insulin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Interferons Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Interleukins Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Lymphocyte Subtyping Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., NSE Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Nucleolar Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Occult Blood Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Oncogenes Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*U.S., Pancreatic Oncofetal Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., PAP Smear Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Parathyroid Hormone
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Progesterone Receptor
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., PAP Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., PSA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., S-100 Protein Test Volume and
Diagnostics Sales Forecast by Market
Segment*

*U.S., Serotonin Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Sialic Acid Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Squamous Cell Carcinoma Antigen
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., TDT Test Volume and Diagnostics
Sales Forecast by Market Segment*

List of Tables (continued)

*U.S., Thymidine Kinase
Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Thyroglobulin Test
Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., TPA Test Volume and Diagnostics
Sales Forecast by Market Segment*

*U.S., Total Tumor Marker Sales
By Major Supplier*

*U.S., AFP Testing Market Diagnostics
Sales by Major Supplier*

*U.S., CA 125 Testing Market Diagnostics
Sales by Major Supplier*

*U.S., CA 15-3/27.29 Testing Market
Diagnostics Sales by Major Supplier*

*U.S., CEA Testing Market Diagnostics
Sales by Major Supplier*

*U.S., Ferritin Testing Market
Diagnostics Sales by Major Supplier*

*U.S., HCG Testing Market
Diagnostics Sales by Major Supplier*

*U.S., Insulin Testing Market
Diagnostics Sales by Major Supplier*

*U.S., PAP Testing Market Diagnostics
Sales by Major Supplier*

List of Tables (continued)

*U.S., PSA Testing Market Diagnostics
Sales by Major Supplier*

*U.S., Tumor Marker Testing Instrumentation
Major Systems Estimated Placements and
Installed Base by Supplier and Model*