

Small Animal Imaging (In Vivo) Market - By systems and reagents [Micro-PET, Optical Imaging, Micro-MRI, Micro-SPECT, Micro-Ultrasound, Micro-CT & Multimodality/Hybrid Imaging Modalities] - Competitive Analysis & Global Forecasts to 2017

Description: Small animal imaging is increasingly being implemented in the research studies from the late stage studies to the clinical phases. Imaging plays a significant role in the assessment of specific drug candidate or treatment regime, in phenotyping and understanding the pathophysiology of various diseases. Technologies used for in vivo small animal imaging allow longitudinal evaluation of disease as well as of drug therapy within the same animal, thus increasing efficacy and decreasing animal numbers used in research studies.

The overall small animal imaging (in vivo) market is valued at \$790 million in 2012, and is estimated to grow at an annual growth rate of 14.5% over the next five years. The growing market shows preference towards new technologies such as hybrid systems – PET + SPECT + CT, SPECT + MRI and PET + MRI for the range of advantages offered by them over traditional standalone techniques. The global small animal imaging (in vivo) market has witnessed challenging and dynamic market conditions in terms of government funding/grants and technological advancements in the last five years. Small animal imaging (in vivo) industry has witnessed numerous technological advancements over the last two decades and it is expected to continue with the same trend in future to solve the present challenges and meet the demanding needs of the market.

The market growth is driven by factors such as increasing number of pharma companies and research institutions, rising application of functional imaging, growing adoption rate for small animal imaging and technological advancements. However, high device cost and technological limitations are the factors hindering the market growth. Sustainability of players in highly competitive environment, industry consolidation and availability of radiopharmaceuticals are the major challenges, while unique combinations in MRI high resolution and sensitivity of imaging devices with usage in multiple applications and emerging markets are the factors that seem to be favorable opportunities to the market.

In 2012, North America accounted for the biggest market share with about 38.2% share of the global small animal imaging (in vivo) systems and reagents market, followed by Europe. Though the Asian and Latin American countries signify to be the fastest growing markets due to growing number of research institutions and CRO's, increasing government support for research and rising industry-academia partnerships for small animal research. The negative factors such as high competition in mature countries, economic slowdown and pricing pressures and will oblige the companies to focus on the Asian market.

Small animal imaging market seems to be highly competitive, as each player is focusing to gain a large market share. Rapid industry consolidation is a burning issue which is affecting the small market players and also forcing the major players to alter their marketing strategies.

This report includes company profiles of major players such as Bruker Corporation (U.S.), Siemens AG (Germany), Life Technologies Corporation (U.S.), FUJIFILM Holdings Corporation (Japan), Miltenyi Biotec GmbH (Germany), PerkinElmer, Inc. (U.S.), Bioscan, Inc. (U.S.), Mediso Medical Imaging Systems (Hungary), Gamma Medica (U.S.), Aspect Imaging (Israel), Targeson, Inc. (U.S.) and Scanco Medical (Switzerland).

Contents:	1 INTRODUCTION
	1.1 KEY TAKE-AWAYS
	1.2 REPORT DESCRIPTION
	1.3 MARKETS COVERED
	1.4 STAKEHOLDERS
	1.5 RESEARCH METHODOLOGY
	1.5.1 MARKET SIZE
	1.5.2 MARKET SHARE
	1.5.3 KEY DATA POINTS FROM SECONDARY SOURCES

1.5.4 KEY DATA POINTS FROM PRIMARY SOURCES

1.5.5 ASSUMPTIONS

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

3.1 INTRODUCTION

3.2 MARKET SEGMENTATION

3.2.1 SMALL ANIMAL IMAGING (IN VIVO) MARKET,BY TECHNOLOGY

3.2.2 SMALL ANIMAL IMAGING (IN VIVO) MARKET,BY REAGENTS

3.3 MARKET DYNAMICS

3.3.1 DRIVERS

3.3.1.1 Technological Advancements

3.3.1.2 Growing Adoption Rate for small animal Imaging

3.3.1.3 Rising Application of Functional Imaging

3.3.1.4 Increasing Number of Pharma Companies and Research Institutions

3.3.2 RESTRAINTS

3.3.2.1 High Device Cost

3.3.2.2 Technological Limitations

3.3.2.3 High Cost and Data Requirements for Bringing New Technology

3.3.3 OPPORTUNITIES

3.3.3.1 Next Unique Combinations in MRI

3.3.3.2 High Resolution & Sensitivity of Imaging Devices with Usage in Multiple Applications

3.3.3.3 Emerging Markets

3.3.4 CHALLENGES

3.3.4.1 Sustainability of Players in Highly Competitive Market

3.3.4.2 Availability of Radiopharmaceuticals

3.4 MARKET SHARE ANALYSIS

3.4.1 BY TECHNOLOGY

3.4.2 BY MARKET PLAYERS

3.4.3 BY GEOGRAPHY

4 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET, BY TECHNOLOGY

4.1 INTRODUCTION

4.2 STANDALONE TECHNOLOGY FOR SMALL ANIMAL IMAGING (IN VIVO)

4.2.1 NUCLEAR IMAGING

4.2.1.1 Micro-SPECT

4.2.1.2 Micro-PET

4.2.2 OPTICAL IMAGING

4.2.2.1 Fluorescence

4.2.2.2 Bioluminescence

4.2.2.3 Near Infrared Fluorescence

4.2.3 MICRO-MRI

4.2.4 MICRO-CT

4.2.5 MICRO-ULTRASOUND

4.3 MULTIMODAL IMAGING FOR SMALL ANIMAL IMAGING(IN VIVO)

4.3.1 MULTIMODAL NUCLEAR IMAGING DEVICES

4.3.1.1 SPECT + CT

4.3.1.2 SPECT + MR

4.3.1.3 PET + CT

4.3.1.4 PET + MR

4.3.1.5 SPECT + PET + CT

4.3.2 MULTIMODAL OPTICAL IMAGING DEVICES

4.3.2.1 Optical+ X-ray + Radioisotopic

5 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) MARKET,BY REAGENTS

5.1 INTRODUCTION

5.2 NUCLEAR IMAGING FOR SMALL ANIMAL IMAGING(IN VIVO)

5.2.1 PET TRACERS

5.2.1.1 Fluorine-18 based

5.2.1.2 Carbon-11 based

5.2.1.3 Copper-64 based

5.2.1.4 Others

- 5.2.2 SPECT PROBES
 - 5.2.2.1 Technetium-99m based
 - 5.2.2.2 Iodine-131 based
 - 5.2.2.3 Gallium-67 based
 - 5.2.2.4 Thallium-201 based
 - 5.2.2.5 Others
- 5.3 OPTICAL IMAGING FOR SMALL ANIMAL IMAGING(IN VIVO)
 - 5.3.1 BIOLUMINESCENCE
 - 5.3.1.1 Luciferins
 - 5.3.1.2 Proluciferins
 - 5.3.1.3 Coelenterazine
 - 5.3.1.4 Others
 - 5.3.2 FLUORESCENCE
 - 5.3.2.1 Green Fluorescent Proteins
 - 5.3.2.2 Red Fluorescent Proteins
 - 5.3.2.3 Infrared Dyes
 - 5.3.2.4 Others (Natural fluorescence Molecules such as Collagen and Elastin)
- 5.4 MRI CONTRAST REAGENTS FOR SMALL ANIMAL IMAGING (IN VIVO)
 - 5.4.1 GADOLINIUM BASED
 - 5.4.2 IRON BASED
- 5.5 CT CONTRAST REAGENTS FOR SMALL ANIMAL IMAGING (IN VIVO)
 - 5.5.1 IODINE BASED
 - 5.5.2 BARIUM BASED
 - 5.5.3 GASTROGRAFIN BASED
- 5.6 ULTRASOUND CONTRAST REAGENTS FOR SMALL ANIMAL IMAGING (IN VIVO)
 - 5.6.1 GADOLINIUM OXIDE ALBUMIN MICROSPHERES - GOAM

6 GEOGRAPHIC ANALYSIS

- 6.1 INTRODUCTION
- 6.2 NORTH AMERICA
- 6.3 EUROPE
- 6.4 ASIA-PACIFIC
- 6.5 REST OF THE WORLD (ROW)

7 COMPETITIVE LANDSCAPE

7.1 INTRODUCTION

8 COMPANY PROFILES (Overview, Financials, Products & Services, Strategy, & Developments)*

- 8.1 AGILENT TECHNOLOGIES, INC.
- 8.2 ASPECT IMAGING
- 8.3 BIOSCAN, INC.
- 8.4 BRUKER CORPORATION
- 8.5 FUJIFILM HOLDINGS CORPORATION
- 8.6 GAMMA MEDICA-IDEAS, INC.
- 8.7 GENOVIS AB
- 8.8 LI-COR BIOSCIENCES
- 8.9 LIFE TECHNOLOGIES CORPORATION
- 8.10 MEDISO MEDICAL IMAGING SYSTEMS
- 8.11 MILTENYI BIOTEC GMBH
- 8.12 PERKINELMER, INC.
- 8.13 PROMEGA CORPORATION
- 8.14 SCANCO MEDICAL AG
- 8.15 SIEMENS AG
- 8.16 SOFIE BIOSCIENCES, INC.
- 8.17 TARGESON, INC.
- 8.18 UVP, LLC.

*Details on financials, product & services, strategy, and developments might not be captured in case of unlisted companies.

LIST OF TABLES

TABLE 1 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY SEGMENTS, 2010 – 2017

(\$MILLION)

TABLE 2 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 3 SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 4 GLOBAL SMALL ANIMAL STANDALONE SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 5 SMALL ANIMAL STANDALONE SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 6 GLOBAL SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 7 SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 8 SMALL ANIMAL MICRO-SPECT SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 9 SMALL ANIMAL MICRO-PET SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 10 GLOBAL SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 11 SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 12 SMALL ANIMAL FLUORESCENCE SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 13 SMALL ANIMAL BIOLUMINESCENCE SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 14 SMALL ANIMAL NEAR INFRARED FLUORESCENCE SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 15 SMALL ANIMAL MICRO-MRI SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 16 SMALL ANIMAL MICRO-CT SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 17 SMALL ANIMAL MICRO-ULTRASOUND SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 18 SMALL ANIMAL MULTIMODAL NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 19 SMALL ANIMAL MULTIMODAL NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 20 SMALL ANIMAL SPECT/CT SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 21 SMALL ANIMAL SPECT/MRI SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 22 SMALL ANIMAL PET/CT SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 23 SMALL ANIMAL PET/MRI SYSTEMS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 24 GLOBAL SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS SYSTEMS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 25 SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 26 GLOBAL SMALL ANIMAL NUCLEAR IMAGING RADIOTRACERS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 27 SMALL ANIMAL NUCLEAR IMAGING RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 28 GLOBAL SMALL ANIMAL PET RADIOTRACERS MARKET REVENUE, BY RADIOISOTOPES, 2010 – 2017 (\$MILLION)

TABLE 29 SMALL ANIMAL PET RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 30 EXAMPLES OF PET TRACERS USED IN ANIMAL IMAGING

TABLE 31 SMALL ANIMAL FLUORINE-18 BASED RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 32 SMALL ANIMAL CARBON-11 BASED RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 33 SMALL ANIMAL COPPER-64 BASED RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 34 SMALL ANIMAL OTHER PET RADIOTRACERS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 35 GLOBAL SMALL ANIMAL SPECT PROBES MARKET REVENUE, BY RADIOISOTOPES, 2010 – 2017 (\$MILLION)

TABLE 36 SMALL ANIMAL SPECT PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 37 SMALL ANIMAL TECHNETIUM-99M BASED PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 38 SMALL ANIMAL IODINE-131 BASED PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 39 SMALL ANIMAL GALLIUM-67 BASED PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 40 SMALL ANIMAL THALLIUM-201 BASED PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 41 SMALL ANIMAL OTHER SPECT PROBES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 42 GLOBAL SMALL ANIMAL OPTICAL IMAGING REAGENTS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 43 SMALL ANIMAL OPTICAL IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 44 GLOBAL SMALL ANIMAL BIOLUMINESCENT AGENTS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 45 SMALL ANIMAL BIOLUMINESCENT AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 46 SMALL ANIMAL LUCIFERINS IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 47 SMALL ANIMAL PROLUCIFERINS IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 48 SMALL ANIMAL COELENTERAZINE IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 49 SMALL ANIMAL OTHER BIOLUMINESCENT IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 50 GLOBAL FLUORESCENT IMAGING REAGENTS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 51 SMALL ANIMAL FLUORESCENT IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 52 SMALL ANIMAL GREEN FLUORESCENT PROTEINS IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 53 SMALL ANIMAL RED FLUORESCENT PROTEINS IMAGING REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 54 SMALL ANIMAL INFRARED DYES MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 55 SMALL ANIMAL OTHER FLUORESCENT IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 56 GLOBAL SMALL ANIMAL MRI CONTRAST REAGENTS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 57 SMALL ANIMAL MRI CONTRAST REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 58 SMALL ANIMAL GADOLINIUM-BASED MRI IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 59 SMALL ANIMAL IRON-BASED MRI IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 60 GLOBAL SMALL ANIMAL CT CONTRAST REAGENTS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)

TABLE 61 SMALL ANIMAL CT CONTRAST REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 62 SMALL ANIMAL IODINE-BASED CT IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 63 SMALL ANIMAL BARIUM-BASED CT IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 64 SMALL ANIMAL GASTROGRAFIN-BASED CT IMAGING AGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 65 SMALL ANIMAL ULTRASOUND CONTRAST REAGENTS MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 66 SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY GEOGRAPHY, 2010 – 2017 (\$MILLION)

TABLE 67 NORTH AMERICA: SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 68 NORTH AMERICA: SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 69 NORTH AMERICA: SMALL ANIMAL STANDALONE IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 70 NORTH AMERICA: SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 71 NORTH AMERICA: SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 72 NORTH AMERICA: SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS MARKET REVENUE, 2010 – 2017 (\$MILLION)

TABLE 73 EUROPE: SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 74 EUROPE: SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 75 EUROPE: SMALL ANIMAL STANDALONE IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 76 EUROPE: SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 77 EUROPE: SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 78 EUROPE: SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 79 ASIA-PACIFIC: SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 80 ASIA-PACIFIC: SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 81 ASIA-PACIFIC: SMALL ANIMAL STANDALONE IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 82 ASIA-PACIFIC: SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 83 ASIA-PACIFIC: SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 84 ASIA-PACIFIC: SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 85 ROW: SMALL ANIMAL IMAGING (IN VIVO) MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 86 ROW: SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 87 ROW: SMALL ANIMAL STANDALONE IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 88 ROW: SMALL ANIMAL STANDALONE NUCLEAR IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 89 ROW: SMALL ANIMAL OPTICAL IMAGING SYSTEMS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 90 ROW: SMALL ANIMAL IMAGING AGENTS & RADIOTRACERS MARKET REVENUE, BY TECHNOLOGY, 2010 – 2017 (\$MILLION)

TABLE 91 MERGERS & ACQUISITIONS, 2010 – 2012

TABLE 92 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS & JOINT VENTURES, 2010 – 2012

TABLE 93 NEW PRODUCT LAUNCH, 2009 – 2012

TABLE 94 EXPANSION, 2010 – 2012

TABLE 95 OTHER DEVELOPMENTS, 2009 – 2012

TABLE 96 AGILENT TECHNOLOGIES, INC.: TOTAL REVENUE AND R&D EXPENSES, 2009 – 2011 (\$MILLION)

TABLE 97 AGILENT TECHNOLOGIES, INC.: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 98 AGILENT TECHNOLOGIES, INC.: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 99 BRUKER CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2009 – 2011 (\$MILLION)

TABLE 100 BRUKER CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 101 BRUKER CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 102 BRUKER CORPORATION: TOTAL REVENUE, BY SCIENTIFIC INSTRUMENTS SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 103 BRUKER CORPORATION: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 104 FUJIFILM HOLDINGS CORPORATION: TOTAL REVENUE AND R&D EXPENSES, 2010 – 2012 (\$MILLION)

TABLE 105 FUJIFILM HOLDINGS CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2010 – 2012 (\$MILLION)

TABLE 106 FUJIFILM HOLDINGS CORPORATION: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2012 (\$MILLION)

TABLE 107 GENOVIS AB: TOTAL REVENUE AND R&D EXPENSES, 2009 – 2011 (\$THOUSAND)

TABLE 108 GENOVIS AB: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$THOUSAND)

TABLE 109 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE AND R&D EXPENSES, 2009 – 2011 (\$MILLION)

TABLE 110 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 111 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 112 PERKINELMER INC: TOTAL REVENUE AND R&D EXPENSES, 2009 – 2011 (\$MILLION)

TABLE 113 PERKINELMER INC: TOTAL REVENUE, BY SEGMENTS,2009 – 2011 (\$MILLION)
TABLE 114 PERKINELMER, INC: TOTAL REVENUE, BY GEOGRAPHY,2009 – 2011 (\$MILLION)
TABLE 115 SIEMENS AG: TOTAL REVENUE AND R&D EXPENSES,2009 – 2011 (\$MILLION)
TABLE 116 SIEMENS AG: TOTAL REVENUE, BY SEGMENTS,2009 – 2011 (\$MILLION)
TABLE 117 SIEMENS AG: TOTAL REVENUE, BY GEOGRAPHY,2009 – 2011 (\$MILLION)

LIST OF FIGURES

FIGURE 1 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET,BY TECHNOLOGY, 2012 VS 2017
FIGURE 2 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) REAGENTS MARKET,BY TECHNOLOGY, 2012 VS 2017
FIGURE 3 SMALL ANIMAL IMAGING (IN VIVO) MARKET, BY GEOGRAPHY, 2012
FIGURE 4 SMALL ANIMAL IMAGING (IN VIVO) TECHNOLOGIES MARKET SEGMENTATION
FIGURE 5 SMALL ANIMAL IMAGING (IN VIVO) MARKET SEGMENTATION
FIGURE 6 SMALL ANIMAL IMAGING (IN VIVO) SYSTEMS MARKET SEGMENTATION
FIGURE 7 COMPARATIVE CHART ON SMALL ANIMAL IMAGING (IN VIVO) MODALITIES
FIGURE 8 SMALL ANIMAL IMAGING (IN VIVO) REAGENTS MARKET SEGMENTATION
FIGURE 9 MARKET DYNAMICS
FIGURE 10 GLOBAL SMALL ANIMAL IMAGING MARKET SHARE,BY TECHNOLOGY, 2012
FIGURE 11 GLOBAL SMALL ANIMAL IMAGING MARKET SHARE,BY KEY PLAYERS, 2012
FIGURE 12 GLOBAL SMALL ANIMAL NUCLEAR IMAGING MARKET SHARE,BY KEY PLAYERS, 2012
FIGURE 13 GLOBAL SMALL ANIMAL OPTICAL IMAGING MARKET SHARE,BY KEY PLAYERS, 2012
FIGURE 14 SMALL ANIMAL IMAGING SYSTEMS & REAGENTS MARKET SHARE,BY GEOGRAPHY, 2012 VS. 2017
FIGURE 15 GLOBAL SMALL ANIMAL STANDALONE SYSTEMS MARKET REVENUE,BY TECHNOLOGY, 2012 VS 2017 (\$MILLION)
FIGURE 16 GLOBAL SMALL ANIMAL IMAGING REAGENTS & RADIOTRACERS SYSTEMS MARKET REVENUE, BY PRODUCTS, 2010 – 2017 (\$MILLION)
FIGURE 17 GLOBAL SMALL ANIMAL IMAGING (IN VIVO) MARKET SHARE,BY GROWTH STRATEGIES, 2010 – 2012
FIGURE 18 KEY PLAYERS FOCUSING ON NEW PRODUCT LAUNCH STRATEGY,2010 – 2012
FIGURE 19 KEY PLAYERS FOCUSING ON PARTNERSHIPS & COLLABORATIONS STRATEGY, 2010 – 2012
FIGURE 20 KEY PLAYERS FOCUSING ON MERGERS & ACQUISITIONS STRATEGY, 2010 – 2012

Ordering: Order Online - <http://www.researchandmarkets.com/reports/2388044/>

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.

Fax Order Form

To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit

<http://www.researchandmarkets.com/contact/>

Order Information

Please verify that the product information is correct and select the format(s) you require.

Product Name: Small Animal Imaging (In Vivo) Market - By systems and reagents [Micro-PET, Optical Imaging, Micro-MRI, Micro-SPECT, Micro-Ultrasound, Micro-CT & Multimodality/Hybrid Imaging Modalities] - Competitive Analysis & Global Forecasts to 2017

Web Address: <http://www.researchandmarkets.com/reports/2388044/>

Office Code: OC8DIRRQTNNXY

Product Formats

Please select the product formats and quantity you require:

	Quantity	
Electronic (PDF) - Single User:	<input type="checkbox"/>	€3,463
Electronic (PDF) - 1 - 5 Users:	<input type="checkbox"/>	€4,208
Electronic (PDF) - Site License:	<input type="checkbox"/>	€5,325
Electronic (PDF) - Enterprisewide:	<input type="checkbox"/>	€6,703

Contact Information

Please enter all the information below in **BLOCK CAPITALS**

Title: Mr Mrs Dr Miss Ms Prof

First Name: _____ Last Name: _____

Email Address: * _____

Job Title: _____

Organisation: _____

Address: _____

City: _____

Postal / Zip Code: _____

Country: _____

Phone Number: _____

Fax Number: _____

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)



Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

- Pay by credit card:
 - American Express
 - Diners Club
 - Master Card
 - Visa

Cardholder's Name _____

Cardholder's Signature _____

Expiry Date _____ | _____

Card Number _____

CVV Number _____

Issue Date _____ | _____

(for Diners Club only)

- Pay by check:

Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

- Pay by wire transfer:

Please transfer funds to:

Account number	833 130 83
Sort code	98-53-30
Swift code	ULSBIE2D
IBAN number	IE78ULSB98533083313083
Bank Address	Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _____

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at <http://www.researchandmarkets.com/info/terms.asp>

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World