

# **South & Central America Companion Animal Diagnostics Market Forecast to 2030 - Regional Analysis - by Technique (Immunodiagnostics, Clinical Biochemistry, Molecular Diagnostics, Urinalysis, Hematology, and Others), Product (Instruments and Consumables), Application (Bacteriology, Clinical Pathology, Virology, Parasitology, and Others), Companion Animal Type (Dogs, Cats, Horses, and Others), and End User (Diagnostic Laboratories, Veterinary Hospitals and Clinics, Research Institutes, and Others)**

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## **Abstracts**

The South & Central America companion animal diagnostics market was valued at US\$ 209.73 million in 2022 and is expected to reach US\$ 392.31 million by 2030; it is estimated to register a CAGR of 8.1% from 2022 to 2030.

### Technological Advancements Bolster South & Central America Companion Animal Diagnostics Market

Improvements in diagnostic technologies to support the early detection of diseases have contributed to the greater success of treatment of chronic diseases in pets. In recent years, technological advancements in animal diagnostics have resulted in the development of more accurate, sensitive, and specific diagnostic tests. The use of next-generation sequencing (NGS) technology is a significant advancement in companion animal diagnostics. NGS is a powerful tool that allows for the rapid and simultaneous

analysis of multiple genes, enabling the identification of genetic mutations that may be linked to a specific disease. NGS has also unlocked more sensitive and specific diagnostic tests for cancer, hereditary diseases, and other similar diseases. Moreover, there has been an increase in the use of artificial intelligence (AI) and machine learning in companion animal diagnostics. AI-powered algorithms can be implemented in diagnostics to analyze large volumes of data to identify patterns and make predictions, which can help improve the accuracy and efficiency of diagnostic tests.

## South & Central America Companion Animal Diagnostics Market Overview

The companion animal diagnostic market in South & Central America is segmented into Argentina, Brazil, and the Rest of South & Central America. The market growth in this region is attributed to the increasing incidence of vector-borne diseases and high adoption rate of pets.

According to Agriculture and Agri-Food Canada (AAFC), the Brazilian pet population was ~212.6 million in 2020. The number of households petting animals increased at a CAGR of 1.3% during 2016-2020, with the total population of pets increasing by 0.8%. Thus, the increased number of companion animals is likely to propel the companion animal diagnostics market growth in the country. With the rise in pet adoption, the number of facilities for companion animals, providing transportation and other services, has also surged. Additionally, various regulations enhance the quality of healthcare services provided for companion animals in Brazil. The general protection under Decree 24.6451934 applies to companion animals. Moreover, Article 32 of the 1998 Environmental Crimes Law 9,60598 provides some essential protection for companion animals in Brazil.

## South & Central America Companion Animal Diagnostics Market Revenue and Forecast to 2030 (US\$ Million)

### South & Central America Companion Animal Diagnostics Market Segmentation

The South & Central America companion animal diagnostics market is segmented based on technique, product, application, companion animal type, end user, and country.

Based on technique, the South & Central America companion animal diagnostics market is segmented into immunodiagnostics, clinical biochemistry, molecular diagnostics, urinalysis, hematology, and others. The immunodiagnostics segment held

the largest share in 2022. Immunodiagnostics segment is further categorized into lateral assays, ELISA tests, allergen-specific immunodiagnostics tests, and immunoassay analyzers. Clinical biochemistry segment is further categorized into clinical chemistry analysis, glucose monitoring, and blood gas electrolyte analysis. Also, biochemistry segment is categorized into PCR, microarray, and others.

By product, the South & Central America companion animal diagnostics market is bifurcated into instruments and consumables. The instruments segment held a larger share in 2022.

In terms of application, the South & Central America companion animal diagnostics market is segmented into bacteriology, clinical pathology, virology, parasitology, and others. The clinical pathology segment held the largest share in 2022.

Based on companion animal type, the South & Central America companion animal diagnostics market is segmented into dogs, cats, horses, and others. The dogs segment held the largest share in 2022.

By end user, the South & Central America companion animal diagnostics market is categorized into diagnostic laboratories, veterinary hospitals and clinics, research institutes, and others. The veterinary hospitals and clinics segment held the largest share in 2022.

Based on country, the South & Central America companion animal diagnostics market is categorized into Brazil, Argentina, the Rest of South & Central America. Brazil dominated the South & Central America companion animal diagnostics market in 2022.

i-SENS Inc, Immunology Consultants Laboratory Inc, Zoetis Inc, and Elabscience Biotechnology Inc are some of the leading companies operating in the South & Central America companion animal diagnostics market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET - KEY INDUSTRY DYNAMICS**

- 4.1 Market Drivers
  - 4.1.1 Increasing Adoption of Pets for Companionship
  - 4.1.2 Upsurge in Pet Spending
- 4.2 Market Restraints
  - 4.2.1 Limited Availability and Awareness of Advanced Companion Animal Diagnostic Tools and Technologies
- 4.3 Market Opportunities
  - 4.3.1 New Product Launches and Approvals
- 4.4 Future Trends
  - 4.4.1 Technological Advancements

### **5. COMPANION ANIMAL DIAGNOSTICS MARKET - SOUTH & CENTRAL AMERICA MARKET ANALYSIS**

- 5.1 South & Central America Companion Animal Diagnostics Market Revenue (US\$ Mn), 2022 - 2030

### **6. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET - REVENUE AND FORECAST TO 2030 - BY TECHNIQUE**

## 6.1 Overview

### 6.2 South & Central America Companion Animal Diagnostics Market Revenue Share, by Technique 2022 & 2030 (%)

## 6.3 Immunodiagnostics

### 6.3.1 Overview

#### 6.3.2 Immunodiagnostics: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

##### 6.3.2.1 Immunodiagnostics: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## 6.4 Clinical Biochemistry

### 6.4.1 Overview

#### 6.4.2 Clinical Biochemistry: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

##### 6.4.2.1 Clinical Biochemistry: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## 6.5 Molecular Diagnostics

### 6.5.1 Overview

#### 6.5.2 Molecular Diagnostics: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

##### 6.5.2.1 Molecular Diagnostics: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## 6.6 Urinalysis

### 6.6.1 Overview

#### 6.6.2 Urinalysis: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## 6.7 Hematology

### 6.7.1 Overview

#### 6.7.2 Hematology: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## 6.8 Others

### 6.8.1 Overview

#### 6.8.2 Others: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## **7. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET - REVENUE AND FORECAST TO 2030 - BY PRODUCT**

### 7.1 Overview

7.2 South & Central America Companion Animal Diagnostics Market Revenue Share, by Product 2022 & 2030 (%)

7.3 Instruments

7.3.1 Overview

7.3.2 Instruments: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

7.4 Consumables

7.4.1 Overview

7.4.2 Consumables: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## **8. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET - REVENUE AND FORECAST TO 2030 - BY APPLICATION**

8.1 Overview

8.2 South & Central America Companion Animal Diagnostics Market Revenue Share, by Application 2022 & 2030 (%)

8.3 Bacteriology

8.3.1 Overview

8.3.2 Bacteriology: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

8.4 Clinical Pathology

8.4.1 Overview

8.4.2 Clinical Pathology: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

8.5 Virology

8.5.1 Overview

8.5.2 Virology: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

8.6 Parasitology

8.6.1 Overview

8.6.2 Parasitology: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

8.7 Others

8.7.1 Overview

8.7.2 Others: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## **9. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET -**

## **REVENUE AND FORECAST TO 2030 - BY COMPANION ANIMAL TYPE**

### 9.1 Overview

9.2 South & Central America Companion Animal Diagnostics Market Revenue Share, by Companion Animal Type 2022 & 2030 (%)

### 9.3 Dogs

#### 9.3.1 Overview

9.3.2 Dogs: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

### 9.4 Cats

#### 9.4.1 Overview

9.4.2 Cats: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

### 9.5 Horses

#### 9.5.1 Overview

9.5.2 Horses: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

### 9.6 Others

#### 9.6.1 Overview

9.6.2 Others: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## **10. SOUTH & CENTRAL AMERICA COMPANION ANIMAL DIAGNOSTICS MARKET - REVENUE AND FORECAST TO 2030 - BY END USER**

### 10.1 Overview

10.2 South & Central America Companion Animal Diagnostics Market Revenue Share, by End User 2022 & 2030 (%)

### 10.3 Diagnostic Laboratories

#### 10.3.1 Overview

10.3.2 Diagnostic Laboratories: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

### 10.4 Veterinary Hospitals and Clinics

#### 10.4.1 Overview

10.4.2 Veterinary Hospitals and Clinics: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

### 10.5 Research Institutes

#### 10.5.1 Overview

10.5.2 Research Institutes: South & Central America Companion Animal Diagnostics



Market - Revenue and Forecast to 2030 (US\$ Million)

10.6 Others

10.6.1 Overview

10.6.2 Others: South & Central America Companion Animal Diagnostics Market - Revenue and Forecast to 2030 (US\$ Million)

## **11. COMPANION ANIMAL DIAGNOSTICS MARKET - SOUTH & CENTRAL AMERICA ANALYSIS**

11.1.1 South & Central America Companion Animal Diagnostics Market by Country

11.1.1.1 Brazil

11.1.1.1.1 Overview

11.1.1.1.2 Brazil Companion Animal Diagnostics Market Revenue and Forecast to 2030 (US\$ Mn)

11.1.1.1.3 Brazil Companion Animal Diagnostics Market, by Technique

11.1.1.1.3.1 Brazil: Companion Animal Diagnostics Market, by Immunodiagnosics, 2020-2030 (US\$ Million)

11.1.1.1.3.2 Brazil: Companion Animal Diagnostics Market, by Clinical Biochemistry, 2020-2030 (US\$ Million)

11.1.1.1.3.3 Brazil: Companion Animal Diagnostics Market, by Molecular Diagnostics, 2020-2030 (US\$ Million)

11.1.1.1.4 Brazil Companion Animal Diagnostics Market, by Product

11.1.1.1.5 Brazil Companion Animal Diagnostics Market, by Application

11.1.1.1.6 Brazil Companion Animal Diagnostics Market, by Companion Animal Type

11.1.1.1.7 Brazil Companion Animal Diagnostics Market, by End User

11.1.1.2 Argentina

11.1.1.2.1 Overview

11.1.1.2.2 Argentina Companion Animal Diagnostics Market Revenue and Forecast to 2030 (US\$ Mn)

11.1.1.2.3 Argentina Companion Animal Diagnostics Market, by Technique

11.1.1.2.3.1 Argentina: Companion Animal Diagnostics Market, by Immunodiagnosics, 2020-2030 (US\$ Million)

11.1.1.2.3.2 Argentina: Companion Animal Diagnostics Market, by Clinical Biochemistry, 2020-2030 (US\$ Million)

11.1.1.2.3.3 Argentina: Companion Animal Diagnostics Market, by Molecular Diagnostics, 2020-2030 (US\$ Million)

11.1.1.2.4 Argentina Companion Animal Diagnostics Market, by Product

11.1.1.2.5 Argentina Companion Animal Diagnostics Market, by Application



11.1.1.2.6 Argentina Companion Animal Diagnostics Market, by Companion Animal Type

11.1.1.2.7 Argentina Companion Animal Diagnostics Market, by End User

11.1.1.3 Rest of South & Central America

11.1.1.3.1 Overview

11.1.1.3.2 Rest of South & Central America Companion Animal Diagnostics Market Revenue and Forecast to 2030 (US\$ Mn)

11.1.1.3.3 Rest of South & Central America Companion Animal Diagnostics Market, by Technique

11.1.1.3.3.1 Rest of South & Central America: Companion Animal Diagnostics Market, by Immunodiagnosics, 2020-2030 (US\$ Million)

11.1.1.3.3.2 Rest of South & Central America: Companion Animal Diagnostics Market, by Clinical Biochemistry, 2020-2030 (US\$ Million)

11.1.1.3.3.3 Rest of South & Central America: Companion Animal Diagnostics Market, by Molecular Diagnostics, 2020-2030 (US\$ Million)

11.1.1.3.4 Rest of South & Central America Companion Animal Diagnostics Market, by Product

11.1.1.3.5 Rest of South & Central America Companion Animal Diagnostics Market, by Application

11.1.1.3.6 Rest of South & Central America Companion Animal Diagnostics Market, by Companion Animal Type

11.1.1.3.7 Rest of South & Central America Companion Animal Diagnostics Market, by End User

## **12. COMPANION ANIMAL DIAGNOSTICS MARKET INDUSTRY LANDSCAPE**

12.1 Overview

12.1.1 Recent Developments

## **13. COMPANY PROFILES**

13.1 i-SENS Inc

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Immunology Consultants Laboratory Inc

- 13.2.1 Key Facts
- 13.2.2 Business Description
- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 Zoetis Inc
  - 13.3.1 Key Facts
  - 13.3.2 Business Description
  - 13.3.3 Products and Services
  - 13.3.4 Financial Overview
  - 13.3.5 SWOT Analysis
  - 13.3.6 Key Developments
- 13.4 Elabscience Biotechnology Inc
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments

## **14. APPENDIX**

- 14.1 About Us

## List Of Tables

### LIST OF TABLES

Table 1. South & Central America Companion Animal Diagnostics Market Segmentation

Table 2. Estimated Number Of Horses By Activity

Table 3. Brazil Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Technique

Table 4. Brazil Companion Animal Diagnostics Market, by Immunodiagnosics- Revenue and Forecast to 2030 (US\$ Million)

Table 5. Brazil Companion Animal Diagnostics Market, by Clinical Biochemistry- Revenue and Forecast to 2030 (US\$ Million)

Table 6. Brazil Companion Animal Diagnostics Market, by Molecular Diagnostics - Revenue and Forecast to 2030 (US\$ Million)

Table 7. Brazil Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Product

Table 8. Brazil Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Application

Table 9. Brazil Companion Animal Diagnostics Market Revenue And Forecast To 2030 (US\$ Mn) - Application

Table 10. Brazil Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - End User

Table 11. Argentina Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Technique

Table 12. Argentina Companion Animal Diagnostics Market, by Immunodiagnosics- Revenue and Forecast to 2030 (US\$ Million)

Table 13. Argentina Companion Animal Diagnostics Market, by Clinical Biochemistry- Revenue and Forecast to 2030 (US\$ Million)

Table 14. Argentina Companion Animal Diagnostics Market, by Molecular Diagnostics - Revenue and Forecast to 2030 (US\$ Million)

Table 15. Argentina Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Product

Table 16. Argentina Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Application

Table 17. Argentina Companion Animal Diagnostics Market Revenue And Forecast To 2030 (US\$ Mn) - Companion Animal Type

Table 18. Argentina Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - End User

Table 19. Rest of South & Central America Companion Animal Diagnostics Market

Revenue And Forecast to 2030 (US\$ Mn) - Technique

Table 20. Rest of South & Central America Companion Animal Diagnostics Market, by Immunodiagnosics- Revenue and Forecast to 2030 (US\$ Million)

Table 21. Rest of South & Central America Companion Animal Diagnostics Market, by Clinical Biochemistry- Revenue and Forecast to 2030 (US\$ Million)

Table 22. Rest of South & Central America Companion Animal Diagnostics Market, by Molecular Diagnostics - Revenue and Forecast to 2030 (US\$ Million)

Table 23. Rest of South & Central America Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Product

Table 24. Rest of South & Central America Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - Application

Table 25. Rest of South & Central America Companion Animal Diagnostics Market Revenue And Forecast To 2030 (US\$ Mn) - Companion Animal Type

Table 26. Rest of South & Central America Companion Animal Diagnostics Market Revenue And Forecast to 2030 (US\$ Mn) - End User

Table 27. Recent Developments in the Global Companion Animal Diagnostics Market

## I would like to order

Product name: South & Central America Companion Animal Diagnostics Market Forecast to 2030 - Regional Analysis - by Technique (Immunodiagnosics, Clinical Biochemistry, Molecular Diagnostics, Urinalysis, Hematology, and Others), Product (Instruments and Consumables), Application (Bacteriology, Clinical Pathology, Virology, Parasitology, and Others), Companion Animal Type (Dogs, Cats, Horses, and Others), and End User (Diagnostic Laboratories, Veterinary Hospitals and Clinics, Research Institutes, and Others)

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