

## **SCID Model Market is estimated to be US\$ 61.95 million by 2030 with a CAGR of 4.6% during the forecast period**

**SCID Models Market** garnered a revenue of USD 43.50 Million in the year 2019 globally and has been foreseen to yield USD 61.95 Million by the year 2030 at a compound annual growth (CAGR) of 4.6% over the forecast period. Researchers are investigating the development of severe combined immunodeficient (SCID) pig models for translational cancer modelling. Several severe combined immunodeficient (SCID) pig models have been developed or genetically created in the previous decade. SCID pigs with NK cells but lacking in T and B cells, or defective in NK, T, and B cells for research investigations, have mutations in the ARTEMIS, IL2RG, or RAG1/2 genes, or combinations thereof.

**The report "Global SCID Model Market, By Model (Mouse, Pigs and Other), By Treatment (Stem Cell Therapy, Gene Therapy, and Enzyme Therapy), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Market Trends, Analysis, and Forecast till 2030"**

### **Key Highlights:**

- In 2021, PhoenixBio Co., Ltd. established a partnership with Inotiv, Inc. ("Inotiv") to provide pre-clinical research services using the PXB-mouse (cDNA-uPA/SCID mouse model with a humanised liver). Through Inotiv's contract study site in North America, clients will have the option of using the PXB-mouse for research, and PhoenixBio's ability to meet the growing demand for services using its proprietary animal model will be expanded.

### **Analyst View:**

The market is expected to grow due to rising demand for personalized medicines, increased awareness among researchers about physiological similarities between humans and animals, increased adoption of genetics in biomedical studies, and increased use of animal models in pre-clinical development by several research laboratories and biopharmaceutical industries. Furthermore, rising government support for innovation and the development of standard protocols involving animal models, the emergence of CRISPR as a powerful technology in the field of biomedical research, the increased need for animal models for production and quality control for therapeutic purposes, and the increased use of animal models in biomedical research, toxicology, physiology, cancer research, neurological research, genetic research, and xenotransplantation are all expected to boost the market.

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### **Key Market Insights from the report:**

SCID Models Market garnered a revenue of USD 43.50 Million in the year 2019 globally and has been foreseen to yield USD 61.95 Million by the year 2027 at a compound annual growth (CAGR) of 4.6% over the forecast period. The Global SCID Model Market is segmented based on model, treatment and region.

- Based on Model, Global SCID Model Market is segmented into Mouse, Pigs and Other.
- Based on Treatment, Global SCID Model Market is segmented into Stem Cell Therapy, Gene Therapy, and Enzyme Therapy.
- By Region, the Global SCID Model Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

**Competitive Landscape & their strategies of Global SCID Model Market:**

The key players profiled in SCID Model report include Charles River Laboratories International, Inc, Envigo, Eurofins Scientific SE, GenOway S.A., Hera BioLabs (Transposagen Biopharmaceuticals), JSR Corporation (Crown Bioscience Inc.), Ozgene Pty Ltd., PerkinElmer, Inc. (Horizon Discovery Group plc.), Taconic Biosciences, and The Jackson Laboratory.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant Global SCID Model Markets, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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