



Vivo Bio Tech Ltd.

Your Drug Discovery Partner



2006



2007



2011



2014



2016



2017



2019

ABOUT VIVO BIO TECH

- Modern (140,000 Sq.ft.) standalone preclinical research facility in India
- AAALACi accredited, ISO 9001:2015 and OECD GLP certified
- CPCSEA, CIBRC and DCA registered
- Integrated preclinical service provider (successful submissions to USFDA)
- Authorized breeder and distributor of Taconic Biosciences (USA) – Rodent Models
- Authorized distributor of Cyagen Biosciences (USA) – Genomic Technologies
- Authorized distributor of Dietex International / SDS (UK) – Lab Animal Diets
- SPF Guinea Pigs supplier (Breeders sourced from Elm Hill Labs)
- Largest lab animal supplier in India with specific pathogen free certification
- DSIR registered 16,500 Sq.ft. Custom Biologics facility
- 140+ partners spread across Pharma, Biotech, CRO, Research Institutes, etc.,
- 5+ Ph.D. and 10+ Post graduate Veterinarians on board

Toxicology	Pharmacology	Pathology
<p>General Toxicology</p> <ul style="list-style-type: none"> Dose Range Finding Maximum Tolerated Dose Acute (All Routes) Skin Sensitization Inhalation Dermal Irritation / Corrosion Eye Irritation / Corrosion Local Tolerance Cytotoxicity HET-CAM Test Sub Acute Sub Chronic Chronic Reproduction Carcinogenicity <p>Mutagenicity</p> <ul style="list-style-type: none"> AMES Test Cell Gene Mutation Test Chromosomal Aberration Test Micronucleus Test 	<p>Xenograft Models</p> <ul style="list-style-type: none"> Prostrate Cancer (DU 145) Breast Cancer (MDA-MB-231) Lung Cancer (A549) Multiple Myeloma (MM.1S) Colorectal Carcinoma (HT-29) Glioblastoma (U-87 MG) Ovarian Cancer (OVCAR-3) <p>Syngeneic Models</p> <ul style="list-style-type: none"> Breast Cancer (4T1) Melanoma (B16-F10) Colon Cancer (CT26.WT) <p>Other</p> <ul style="list-style-type: none"> Anti-Fungal Efficacy Studies Psoriasis Full Thickness Skin Wound Colon Cancer (DMH Induced) Diet Induced Obesity (DIO) Thrombocytopenia Alopecia Immunogenicity Studies 	<p>Clinical Pathology</p> <ul style="list-style-type: none"> Haematology (Multi-species) Coagulation Analysis Clinical Chemistry Electrolyte Analysis Urine Analysis <p>Histopathology</p> <ul style="list-style-type: none"> Routine / Specialized Necropsy Tissue Processing Slide Preparation Routine (H&E) / Special Staining Microscopic Imaging & Analysis Microscopic Evaluation Peer Review (On Demand)



Analytical

Physico - Chemical Analysis
 5 Batch Analysis
 Residue Analysis
 Accelerated Storage Stability
 Analytical Test Report
 Container Compatibility
 Method Development & Validation
 Dose Formulation Analysis
 Active Ingredient Analysis
 Long Term Storage Stability

Custom Biology

Molecular Cloning
Lab Animal Health & Genetics
 Health Diagnostic Assays
 Genotyping (28 SNP Panel)
Cell Based Assays
 Scale-up
 Purification
Estimations
 Qualitative
 Quantitative
Seed Health Testing

Plug & Play Lease

Dedicated Area
 AAALAC i & OECD - GLP Certified
 IVC / Conventional
On Demand - Scientific Support
 Toxicologist
 Pathologist
 Veterinarian
Loaded Services
 Presentation to IAEC / IBSC
 Animal Care & Husbandry
 Dedicated Secure Office Space
On Demand - Services
 SPF Small Animals
 Certified Feed & Bedding
 Consumables & Equipment
 Clinical Chemistry & Pathology, etc.
Access To
 Formulation
 Cell Culture
 Anesthesia
 Euthanasia
 Necropsy

SPF RODENTS IN PARTNERSHIP WITH



- Taconic animals are bred on site
- Taconic health and genetics standards employed
- Taconic certified health and genetic status
- Taconic branded animals with same nomenclature
- Access to full portfolio of Taconic models (Traditional, Mutant, Transgenic, Humanized)

Rats-Outbred	Sprague Dawley®
	Wistar Hannover GALAS™
Mice-Inbred	BALB/c
	C57BL/6
Mice-Outbred	Swiss Webster
Mice-Spontaneous Mutant	Scid-beige
	NCr nude
	NOD scid

TRANSPORTATION

- Dedicated climate controlled vehicle
- Taconic transit cages
- SS clad interior
- Velcro fittings to lock the cages
- 12 Hour on / off Light cycle with built in fans to circulate air
- GPS based real-time Temperature, RH, Speed and Location data logger.



GENOMIC TECHNOLOGIES IN PARTNERSHIP WITH



- ☆ **Lowest Price Guaranteed**
- ☆ **Rapid Turnaround**
- ☆ **Defined Health & Genetics**
- ☆ **World's Largest Provider**

- One-stop shop tailored gene research needs.
- Generation of knockout models at affordable cost and turnaround.
- Tailor-made DNA vectors and research-use virus
- Defined Health & Genetics standards
- Facilities are AAALAC international accredited
- The CRISPR-AI Knockout Mouse Sperm Bank (Over 6,800 custom KO strains)
- Cryopreservation Services
- Histology Services

Species	Service	Turnaround (Months)
Mouse	CRISPR-mediated KO / KI	5-9
	TurboKnockout® KO /KI / cKO	7-9
	Conventional KO / KI / cKO	10-14
	Transgenic	2-5
	piggyBac Transgenic	2-5
	Transgenic Embryo	1-3
Rat	CRISPR-mediated KO / KI	5-9
	Transgenic	2-5

- Viral Packaging (Lenti / Adeno)
- BAC Modification (Recombineering)
- Stem Cells & Media Products



- Import → Quarantine → Door Delivery
- Custom Breeding Solutions (Colony Expansion)
- Preclinical Testing Services

LAB ANIMAL DIETS IN PARTNERSHIP WITH



- ◉ Largest Supplier of Laboratory Animal Diets in Europe
- ◉ GMP+ LRQ, ISO 9001:2008 certified
- ◉ Complete Quality Control of all Diet Ingredients (Own Premixes)
- ◉ Special Quality Certificate (SQC) for Every Batch
- ◉ Tested and Certified for 40+ Parameters
- ◉ Information on the Microbiological Status
- ◉ Minimum 12 - Months Shelf Life from Date of Manufacturing
- ◉ Available Forms
 - Pelleted
 - Autoclavable / Irradiated



Rodent

CRM (P)
Irradiated (18.35)

RM3A (P)
Autoclavable (21.86)

RM5 (P)
Irradiated (19.21)

RM6 (P)
Irradiated (14.38)

CRM (P) + FENB (150 ppm)
Irradiated
Medicated



Guinea Pig

FD2 (P)
Irradiated (18.45)



Rabbit

STANRAB (P)
Irradiated (16.42)



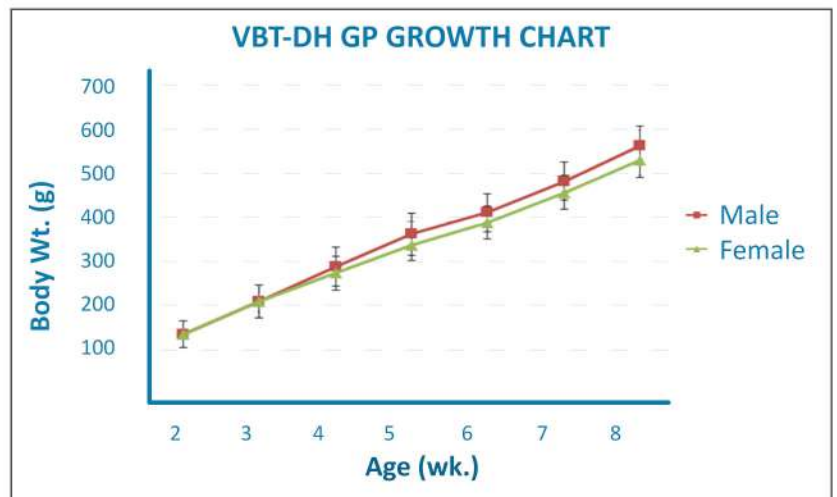
Mini Pig

SMP (E)
Irradiated (13.03)

SPF Guinea Pigs

- Breeders sourced from Elm Hill Labs, USA
- Dedicated class 100,000 facility with efficient HVAC control - 100% pass through air circulation
- Dedicated veterinarians and animal care personnel
- Barrier and non-barrier areas are distinctly separated
- 3 level pressure gradient system with supply and return ducts
- Diet - FD2 (SDS Diets) - fortified with a minimum of 1,015 mg/kg of Ascorbyl Polyphosphate
- Sentinel health monitoring program
- Gross pathological examination

Virus	Bacteria	Parasites
<i>Guinea Pig Adeno virus</i>	<i>β - hemolytic streptococcus</i>	<i>Encephalitozoon cuniculi</i>
<i>Guinea Pig Cytomegalo virus</i>	<i>Bordetella bronchiseptica</i>	Ectoparasites
<i>Lymphocytic choriomeningitis virus</i>	<i>Clostridium piliforme</i>	Endoparasites
<i>Pneumonia virus</i>	<i>Corynebacterium kutscheri</i>	
<i>REO 3 virus</i>	<i>Pasteurella pneumotropica</i>	
<i>Sendai virus</i>	<i>Salmonella spp.</i>	
	<i>Streptobacillus moniliformis</i>	
	<i>Streptococcus pneumonia</i>	





Contact us

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