

BTL Biotechno Labs Pvt. Ltd.

Research is creating new knowledge



BTL Biotechno Labs Pvt. Ltd. is formed with the aim to serve and support the Indian scientific community and to be their technology and knowledge partners by providing them with the highest quality products, expert technical support, and relevant, up-to-date, accurate data. We strive to cater leading-edge tools, products, and services for applications across human health, agriculture, biopharma, animal health, forensics, the environment, energy, and much more to researchers and innovation-focused organizations.

❖ **Wide Product Portfolio**

❖ **Competitive Prices**

❖ **Fast-Paced Delivery**

❖ **Exceptional Technical Support**

Antibodies & Proteins

Biochemical & Regents

Cell Lines and Culture Products

ELISA Kits & Assay Kits

Diet for Animals

Molecular Biology Products

Nanoparticles & Beads

Nucleic Acid Extraction

Recombinant Proteins

Custom Services

**DIVERSE
PRODUCT ARRAY**

Best Selling Products

Cytokine Multiplex Kit	PIP Strips
PD-L1 Assay Kit	DNA Extraction Kits
Properdin Assay Kit	Rodent Diet with 10, 15, 45, 65 Kcal % Fat
Oxidative Stress Assay Kits	AIN-93G Growing Rodent Diet
Complement Components Assay Kits	Interleukin ELISA Kits
Reference Standards	Triiodothyronine (T3), Thyroxine (T4) & Thyroid Stimulating Hormone ELISA Kit
Bovine Serum Albumin	Mycoplasma Detection Kit
Amyloid Peptide (1-40)	Mycoplasma Removal Media
TRIzol Reagent	Flow Cytometry Antibodies
Transfection Reagents	FRET Substrates
TMB Substrate	CHO Cell Lines
PEG Linkers	Biosimilar (Research Grade)
Apoptosis Assay Kit	Viral Antibodies
Gubra Amylin-NASH Diet	

**FREE
SHIPPING**



VALID FOR ORDER ABOVE 49999

CONTACT FOR MORE DETAILS +91-7291852429

**PROMOTIONAL
GIFTS**



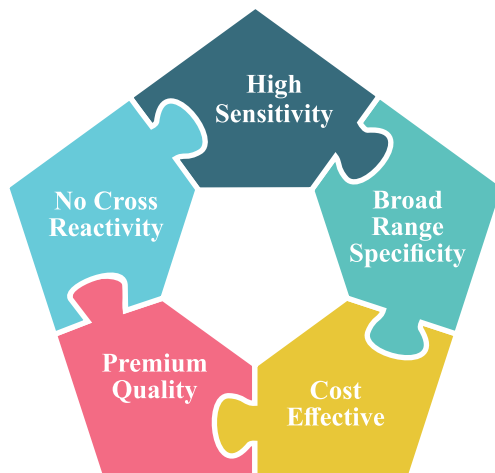
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Multiple Species ELISA Kits

- | | |
|--------------|-------------|
| ♦ Human | ♦ Chicken |
| ♦ Guinea Pig | ♦ Canine |
| ♦ Rabbit | ♦ Monkey |
| ♦ Rat | ♦ Fish |
| ♦ Sheep | ♦ Goat |
| ♦ Mouse | ♦ Plant |
| ♦ Porcine | ♦ Homster |
| ♦ Bovine | ♦ Zebrafish |



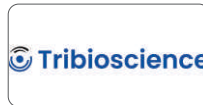
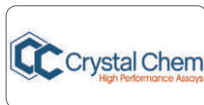
Multiplex ELISA Kits

Human Angiogenesis (9-Plex)
 Human Chemokine (4-Plex, 9-Plex)
 Human Cytokine Inflammation Panel 1 (9-Plex, 10 Plex)
 Human Environmental Enteric Dysfunction (11-Plex)
 Human Female Hormone (6-Plex)
 Human Innate Immunity (7-Plex)
 Human Malaria (5-Plex)
 Human Micronutrient v2 (7-Plex)
 Human MMP (6-Plex)
 Human Pneumococcal IgG (23-Plex)
 SARS-CoV-2 Human IgG (4-Plex, 5-Plex)

Compatible Detection System

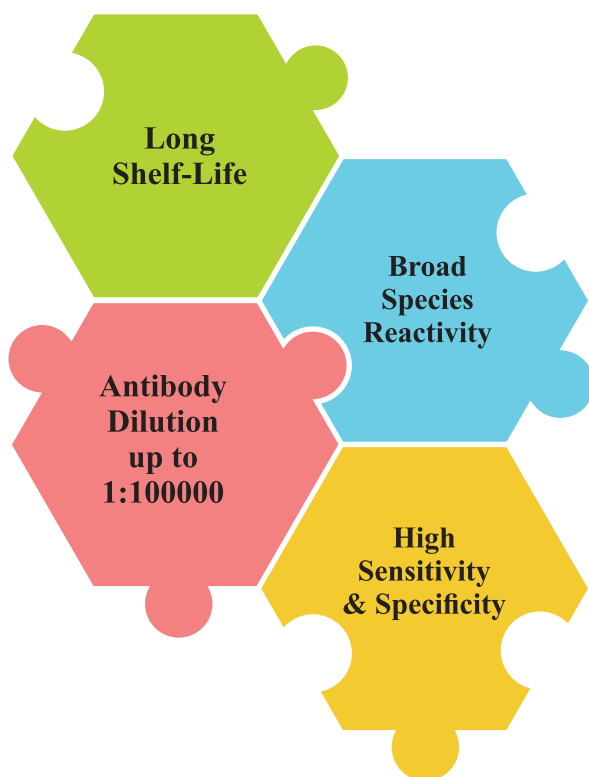
- ♦ Chemiluminescent
- ♦ Fluorescence
- ♦ Q-View™ Imager Pro

***Custom Multiplex Services are available to meet your research needs



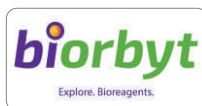


- ♦ Polyclonal Antibodies
- ♦ Monoclonal Antibodies
- ♦ Antibody Matched Pair
- ♦ ChiP Antibodies
- ♦ FITC & FACS Antibodies
- ♦ IHC Antibodies
- ♦ Phospho Specific Antibodies
- ♦ Viral Antibodies
- ♦ SARS CoV2 Antibodies
- ♦ Chikungunya Antibodies
- ♦ Plant Antibodies
- ♦ Tag Antibodies
- ♦ Loading Control
- ♦ Isotype Control
- ♦ Nanobodies
- ♦ Biosimilar Antibodies
- ♦ In-vivo Antibodies
- ♦ Recombinant Antibodies



Research Area

- | | | |
|--------------------|--------------------|-----------------------|
| ★ Autophagy | ★ Cardiovascular | ★ CD Markers |
| ★ Cell Biology | ★ Cancer | ★ Development Biology |
| ★ Gastroenterology | ★ Immunology | ★ Neuroscience |
| ★ Stem Cells | ★ Tumor Immunology | ★ Virus & Bacteria |



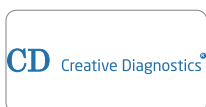


- ♦ Allergen Assay Kits
- ♦ Amylase Assay Kits
- ♦ Collagen Assay Kits
- ♦ Cell Cycle Assay Kits
- ♦ Cell-Based Assay Kits
- ♦ In-Vitro Diagnostic Kit
- ♦ Cytotoxicity Assay Kits
- ♦ SARS CoV2 Assay Kits
- ♦ Functional Bioassay Kits
- ♦ Cell-Signaling Assay Kits
- ♦ Protein Biology Assay Kits
- ♦ Animal Disease Assay Kits
- ♦ Oxidative Stress Assay Kits
- ♦ Viral Expression Assay Kits
- ♦ Infectious Disease Assay Kits
- ♦ Complement Factor Assay Kits
- ♦ Metabolism Research Assay Kits
- ♦ Antibiotics Detection Assay Kits
- ♦ Antibody Drug Conjugation Kits
- ♦ Food, Feed & Fermentation Assay Kits
- ♦ Anti-Drug Antibody (ADA) Detection Kits
- ♦ Dairy & Wine Industry Related Assay Kits
- ♦ Pharmacokinetic(PK) and Pharmacodynamic (PD) Analysis Kits



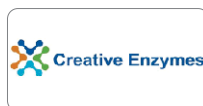
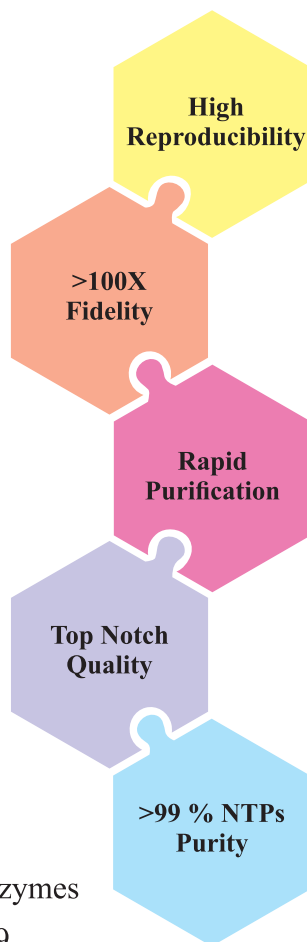
★ Test Based on Agglutination, Immuno-Chromatography, Immuno-Dot, Immuno-filtration & Other Techniques.

★ *Compatible with Spectrophotometer, Colorimeter, Chemiluminescent*





- ♦ PCR Inhibitors
- ♦ Oligolabeling Kits
- ♦ PCR & Master Mix
- ♦ Agarose & Buffers
- ♦ Reverse Transcriptase
- ♦ Ready to Use mRNA
- ♦ Probes & Quenchers
- ♦ Proteins & Peptides
- ♦ Sanger Sequencing Kits
- ♦ PEGylation & PEG Linkers
- ♦ Reactive & Fluorescent Dyes
- ♦ Transfection & Transduction
- ♦ Cloning Vectors & Cloning Kits
- ♦ Fetal Bovine Serum & Other Sera
- ♦ RNA Capping, Tailing & labeling
- ♦ Serum Free Media & Speciality Media
- ♦ DNA, RNA, Protein Ladders & Markers
- ♦ Restriction Enzymes, Kinases & Modifying Enzymes
- ♦ CAR-T Cell Therapy Products & CRISPR-Cas9
- ♦ DNA Polymerase, DNA Primers, Oligo(dT)s & dNTPs
- ♦ Recombinant Proteins (Cytokines, Growth Factors & Immune Check Points)
- ♦ cDNA Synthesis Products (cDNA Clones, Lenti ORF, cDNA Synthesis Kits, Kits for RT-PCR & RT-qPCR)





- ◆ API'S
- ◆ Inhibitors
- ◆ Impurities
- ◆ Intermediates
- ◆ Building Blocks
- ◆ Small Molecule
- ◆ Reference Standards
- ◆ Indoles and Oxindoles
- ◆ Kinases and Surfactants
- ◆ Natural Products and Resins
- ◆ Stable Isotope Compounds
- ◆ Vitamins and Supplements
- ◆ Lipids and it's Derivatives
- ◆ Anilines and Nitobenzenes
- ◆ Carbohydrates and Collagen
- ◆ Boronic Acids and Imidazoles
- ◆ Chelating and Reducing Agents
- ◆ Glycoconjugates and Coenzymes
- ◆ Nucleosides, Nucleotides and Phosphoramidite
- ◆ Screening Compound Libraries
- ◆ Laboratory Reagents
- ◆ Collagen, Biological Buffers, Detergents and Polar Lipid
- ◆ Catalyst: Heterogeneous metal catalysts, Homogeneous metal catalysts, Photocatalysts, and Organocatalysts

Extensive range
with more than
350,000 products

High quality
biochemicals in
custom pack sizes

Rigorous
quality control
with validated Data
(CoA/NMR/HPLC)

Building Blocks: Heterocyclic , Organic, Fluorinated & Halogenated

***** ISO: 17034 Certification: for Selective Products**





- ♦ Antibody Solution
- ♦ Peripheral Blood Mononuclear Cells
- ♦ Cell Lines
- ♦ Control Plasma
- ♦ Control Serum
- ♦ Immortalized Cell Lines
- ♦ Knockdown Stable Cell Lines
- ♦ Knockin Stable Cell Lines
- ♦ Media Overexpression
- ♦ Stable Cell Line
- ♦ Primary Cells
- ♦ Reporter Stable Cell Lines
- ♦ Stem Cells
- ♦ Transfected Stable Cell Lines
- ♦ Tumor Cell Lines
- ♦ MicroRNA Agomir/Antagomir

Other Services

Cell



Custom Stable Cell Lines
iPSC Gene Editing Technology Services
Cell & Gene Therapeutic Solutions
Custom Cell Immortalization Services

MicroRNA



MicroRNA Sponge Services
MicroRNA Agomir/ Antagomir Synthesis
Lentivirus Packaging Services



Nucleic Acid Extraction



- ♦ **Genomic DNA Isolation Kits:** Blood, Body Fluids, Circulating free DNA, Cultured Cells, Tissues, Insects, Molluscs, Plant, Fungal, Soil, Stool, Water, Viral, Yeast & Bacteria
- ♦ **RNA:** Bacteria, Blood, Cultured Cell, Tissues, Plant, Fungal, miRNA, Viral RNA, RNA Stability Kit
- ♦ **Plasmid DNA:** Bacterial Plasmids
- ♦ **Cleanup:** DNA/RNA Cleanup, NGS & PCR Cleanup Gel Extraction, DNA & RNA Ladder Sample Collection & Stabilization Kits Reagents
- ♦ **Kit Components:** Buffers & Reagents, Columns & Plates, Enzymes, Films, Plasticware
- ♦ **PCR Reagents:** Taq DNA Polymerase & Mastermix, dNTPs (All Solutions & Sets), Tissue Direct PCR Kit, Ultrapure Nuclease-Free Water
- ♦ **Electrophoresis:** 50X TAE Buffer
- ♦ **Collection & Preservation:** cf-DNA & cf-RNA from Blood, Urine, Saliva, Stool, Swab-Based
- ♦ **Milk DNA Preservation & Isolation**
- ♦ **Purification and Isolation:** RNA, DNA, Exosomes, Protein
- ♦ **Multiple-Analyte Kits**
- ♦ **Virus Purification**
- ♦ **Magnetic Racks**

Products compatible with:

- ♦ Hamilton Microlab®
- ♦ Beckman Coulter
- ♦ Biomek®
- ♦ Tecan
- ♦ Opentron OT-2
- ♦ Thermo KingFisher®
- ♦ Qiagen BioSprint® 96
- ♦ Applied Biosystems



Versatile:
Process up to 5 mL
bacterial cultures
with different
plasmid
types & culture
media.



Rapid:
9-minute processing
time from
bacterial pellet



Convenient:
Fast filter column
eliminates cellular
debris pelleting and
transfer step



Unique:
Lysate clearance
and DNA binding
in 1 step

NEED CUSTOMIZATION ?

Contract Manufacturing Services are available





Custom Gene Synthesis

- ♦ Long or complex GC-rich or repetitive sequences with 100% accuracy
- ♦ Codon optimization for various expression systems

Site Directed Mutagenesis

- ♦ Chromatogram confirming sequence of mutant and wild type

DNA/RNA Oligos

- ♦ All scales available from 10nmol to 1umol
- ♦ Different purifications available such as desalted, HPLC, PAGE

Peptide Synthesis:

- ♦ Crude to >98% purity
- ♦ 300+ Modifications of different kinds available

Custom Antibody Services

- ♦ Optimum Antigen™ design tool, proprietary adjuvant, and intelligent Antigen strategy increase antibody specificity and affinity.

Cell Line Development:

CRISPR, Protein Expression and Protein Labeling, Biochemical Assay Development, Cell-Based Assay Development, CAR T-Cell Development, Label-Free BLI Detection Services, Lentivirus Development.

Primer Synthesis & Custom Microarrays Services

Custom Multiplex ELISA Kits

PCR Cloning & Subcloning

Vector Construction

Lateral Flow Assay Products & Services

- ♦ Gold Conjugates, Bulk Anti-Sera & Bulk Nanoparticles & Conjugation Kits)

Nanoparticles & Services





- ◆ RD Western Diet
- ◆ AIN-76A Rodent Diet
- ◆ Gubra Amylin-NASH Diet
- ◆ AIN-93G Growing Rodent Diet
- ◆ AIN-93M Mature Rodent Diet
- ◆ Rodent Diet With 10/15/45/60 kcal% Fat
- ◆ Rodent Diet With 10 kcal% Fat (No Sucrose)
- ◆ L-Amino Acid Diet With 60 kcal% Fat With 0.1% Methionine and No Added Choline
- ◆ Methionine and Choline Deficient L-Amino Acid Diet
- ◆ Rodent Diet With 40 kcal% Fat (Mostly Palm Oil), 20 kcal% Fructose and 2% Cholesterol
- ◆ Open Standard Diet With 15 Kcal% Fat
- ◆ Rodent Diet With 40 kcal% Fat (Mostly Partially Hydrogenated Corn Oil), 20 kcal% Fructose and 2% CholesterolReferences
- ◆ Clinton/Cybulsky High Fat Rodent Diet With Regular Casein and 1.25% Added Cholesterol
- ◆ Rodent Diet With 58 kcal% Fat and Sucrose
- ◆ Rodent Diet With 10 kcal% Fat (Matching Sucrose to D12451)
- ◆ Rodent Diet With 10 kcal% Fat (Matching Sucrose to D12492)

Irradiated Diets

All the available diets can be irradiated. To order irradiated diets add the letter "i" to the end of the diet catalogue number.

**** Custom Open-Source Diets for Lab Animals are available*

Diet-Induced Diseased Model

- | | | |
|----------------------|----------------|--------------------|
| ★ Obesity | ★ Diabetes | ★ Fatty Liver |
| ★ Metabolic Syndrome | ★ Ketosis | ★ Immunology |
| ★ Cancer | ★ Hypertention | ★ Artherosclerosis |

**RESEARCH
DIETS** INC.™

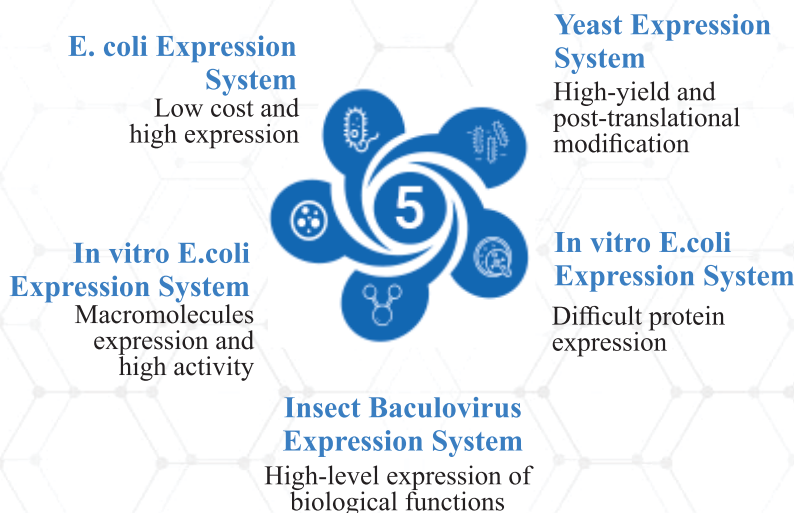
Recombinant Proteins



Recombinant proteins are proteins that are produced through genetic engineering techniques by introducing exogenous genes into host cells and utilizing the host cell's machinery for protein synthesis

They provide researchers with tools to understand protein function and interactions, thereby advancing the fields of cell and molecular biology. In addition to basic research, recombinant proteins have broad applications in fields such as drug discovery, biotechnology, and diagnostics.

Protein Expression Systems



Product Features

- ◆ 13,000+ recombinant proteins covering most genes/ targets
- ◆ Multiple Tags including His, GST, Flag, MBP, etc.
- ◆ Wide applications including Antigen, Cell assay, Binding assay/Protein-protein interaction, Cell culture-serum-free medium, Drug related studies, Enzymatic activity in vitro, ELISA standard and its raw materials, In vivo study, Mass spectrometry standard, Protein chip, SDS-PAGE control, Protein structure analysis (Crystal/ electron microscope)
- ◆ A variety of species including human, mouse, rat, rabbit, guinea pig, chicken, monkey, pig, etc.
- ◆ Animal-Free Recombinant Proteins.



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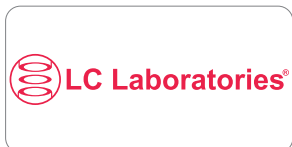
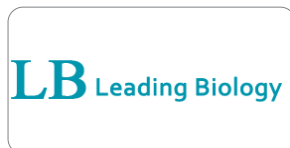
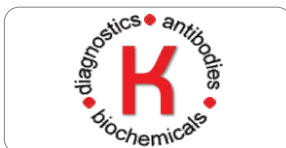
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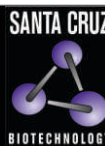
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 **VIDIA**
...the Way to the correct results

 **ZYMO RESEARCH**

NOTES.....

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