



Custom Research & Testing Services For Academic and Industrial Samples

Specific Studies And Parameters Can Also Be Standardized According To Client Requirement. We Have Expertise In Processing Different Kinds Of Samples Such As Mice, Rabbit, Fish Crab, Rat, Worms, Natural Compounds, Synthetic Compounds, Different Nano Particles, Textile Fabrics, Food & Feed Samples, Plant Samples And So On....

We are doing support for the Following Studies:

Part Time Ph.D Work, All Kind of Animal Testing Services, – Invitro and Invivo, All kind of Animal cell line studies, Anticancer Studies, Anti Diabetic Studies, Anti Inflammatory Studies, MTT Assay, Cytotoxicity Test, Histo Pathological Work, Immuno Histochemistry, DNA Sequencing Service, Oligo Synthesis, Dissertation Work
Journal Publication work, Contract Research, Customized Projects

PHYTOCHEMISTRY

Extraction of drug raw material with -different solvent systems Extraction of essential oils Qualitative phytochemical analysis Quantification of primary and secondary -metabolites

MICROBIOLOGY

Biochemical characterization of -microbial stains 16s rRNA sequencing studies Antimicrobial activity – zone of -inhibition, MIC, MBC, Pathogen detection in products – food products Test of antagonistic activities Anti mutagenesis studies – AMES test Preservative efficacy test Microbial total count – CFU Coliform – test Pharmacology test

INVITRO STUDIES

Anti Oxidant And Free Radical Scavenging - Activity Test

DPPH radical scavenging activity
ABTS radical scavenging activity
Hydroxyl radical scavenging activity
Super Oxide radical scavenging activity
Nitric Oxide radical scavenging activity
Lipid peroxidation inhibiting activity
Reducing power
FRAP
Metal chelating activity
Phospho molybdenum assay
Anti Thalassemia activity
Anti hemolytic activity and SO ON.....

ANTI INFLAMMATORY ACTIVITY

Protein denaturation inhibiting activity
Proteinase inhibiting activity
HRBC membrane stabilization activity

ANTI DIABETIC ACTIVITY

A (Alpha) - amylase inhibiting activity
A (Alpha) – glucosidase inhibiting activity

- **Acetyl / Butyryl Cholinesterase Inhibiting Activity**
- **xanthine oxidase enzyme inhibiting activity**
- **Brine Shrimp Lethality Test (BSLT)**

INVIVO STUDIES

Toxicological Studies
-(Acute & Chronic Models)
Analgesic activity*
Anti-pyretic activity
Anti-inflammatory activity*
Anti – arthritis activity
Anti – ulcer activity*
Wound healing activity*
Anti oxidant activity
Anti depressant activity*
Hepato protective activity*
Nephro protective activity*
Anti-hypercholesterolaemic activity
Cardio protective activity
Anti diabetic activity*
Anti cancer activity*
Hyper sensitivity activity*
* Different models available

Biochemistry Enzyme assay (in serum animal and plant tissues)

Carbohydrate Metabolizing Enzymes (Glycolytic And Gluconeogenic Enzymes) Liver marker enzymes | Cardio marker enzymes | Anti oxidant enzymes
Transaminases enzymes | Phosphatases enzymes | Dehydrogenases enzymes | Reductases enzymes | Oxidases enzymes | ATPases enzymes

Lipid Profile: Other Biochemical Markers, Kidney markers (in serum), Gluco proteins (in tissues and gastric juice), Gastro protective markers (in gastric juice), Diabetic markers (in blood and tissue), Isolation and quantification of proteins, DNA and RNA in blood and tissues Complete blood count.

Custom DNA Oligos

For PCR, DNA sequencing, and other applications Superior quality.

Several purity options are available, with stringent quality control for every oligo.

Flexible quantity, Reliable service, Purification options,

Custom RNA Oligos

State-of-the-art technology ensures customized RNA oligos in highest quality and express time.

Highest Quality, High synthesis yields, Fast delivery, Unmodified RNA, Modified RNA, Chimeric Oligos.

ABOUT US & TRAINING

“Abbes Biotech” is an Indian based company originated in the year 2012. Abbes Biotech is an emerging Biotechnology company founded by proven expertise in Molecular Biology, Drug Discovery, microbiology, Bio-informatics, Plant Tissue Culture, Immunology And Bioscience.

Abbes Biotech believes in the life science students must undergo hard core training with hands on experience to improve their technical knowledge and other required soft skills to enable them capable to fit for their employment. The training offered by Abbes Biotech is completely practical oriented with a highly defined protocol which results in the trainees to obtain the ability to analyze and interpret the experimental data. The training program not just - only develops the technical knowledge but also improves the creativity nothing but they can able to use Molecular biology and other technical tools by themselves effectively the time and when, hence the application knowledge can be improved very well. We also helping them to improve and tuning up the technical communication and presentation skills through tasks like presentation, seminars, group discussions and assignments.

Salient Features of Training:

The module/course includes basic theoretical classes for all the experiments as various levels - What we could learn out of it, background and its applications, followed by expert demo, Calculations, relevant Bio-Instrumentation, planning, hands on work out of the experiment, observation and interpretation/justification of the results and proper way of recording the results, final test. Based on that we developed some 17 different course modules and Teaching kits and Research kits.

Course Coordinator :

Senior Project Manager, Well experienced in Industries R&D Over 10 years.

Abbes Biotech manufacturing wide range of Biotechnology and Immunology Teaching Kits, Electrophoresis Equipments and other Biotech Equipments, etc., Also offering Bioscience Students Final Year Projects and Research Projects, Work Shops, Hands On Training (On Campus and Off Campus), Internship Training Programs, Providing Custom Research Services, In Silico Research, Animal Testing Services *Invitro* and *Invivo* for Various Projects and Research Samples and Thesis Writing Services etc.,

In-Plant Training, continuous training program through out the year (Morning Session/After noon session), Week end program - Certificate Program, SUMMER TRAINING PROGRAM, Contract Research, Custom Research Services, Mini Projects in Biotechnology, Molecular Biology and Animal and Plant Tissue Culture -individually and also in group.

Made in India by:

ABBES BIOTECH

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