



Accelerate Your “Biologics” Testing Services

The contract testing laboratory (pharma & biologics) services were established in 2021 at the Medical Device Park, Hyderabad. The facility is spread across 2 acres and has been constructed in full compliance with applicable regulatory requirements. It is supported by a well-trained, competent, and qualified team with extensive functional experience and deep domain expertise. The team has successfully managed and supported multiple regulatory & customer audits, reflecting a strong commitment to quality, compliance, and operational excellence.

Quality Management System

- Spacious Analytical Laboratory Meets all Regulatory bodies
- LIMS & QMS for sample tracking and results reporting.
- QMS, DMS & LMS, integration.
- Facility meets 5s Concept

Instrumentation

- qPCR
- ICPMS
- LCMS
- ATR - FTIR
- UPLC thermo with PDA
- Orbitrap QExactiv plus
- Tican fluorescence reader
- Fluorescence Spectroscopy
- Sanger Sequence
- Multimode Micro Plate Reader (HTRF, Alpha Screen, Spectra Drop)

Bioassays

Cell-Based Assays

- Viability & Proliferation (ATP-based luminescence)
- Cytotoxicity (LDH release, apoptosis vs necrosis)
- Reporter Gene Assays (Luciferase, GFP, B-galactosidase)
- Receptor Binding & Functional Assays (GPCR activation: calcium flux, cAMP changes, ligand-binding)

Non-Cell-Based Assays

- ELISA (Host Cell Protein, Leachable Protein-A, Residual Protein-A)
- Enzyme Activity (Kinase phosphorylation, Protease substrate cleavage)
- Signalling Pathway Analysis (ELISA, Western blot, Flow cytometry)

Immunogenicity Assays (Up Coming)

- Immune Cell Assays (Cytokine release, T-cell proliferation)
- Non-Cell-Based Cytokine Release (ELISA)
- Pharmacokinetics (PK assays)

Mycoplasma Testing (Up Coming)

- Culture-Based Methods
- RT-PCR / qPCR-Based Detection

Molecular Biology Assays

- RT-PCR / PCR (Host cell DNA & RNA detection, viral quantification, DNA & mRNA analysis)

Product / Process Impurities

- Host Cell Protein (HCP) / Residual proteins
- Host Cell DNA (HCD)
- Aggregates
- PTM analysis

IIRM (Innate Immune Response Modulating Impurities)

- Human Peripheral Blood Mononuclear Cells (PBMC's)
- Cell lines (TLR specific)



Product Expertise

- Abaloparatide
- Calcitonin
- Cetorelix
- Desmopressin
- Exenatide
- Glatiramer Acetate
- Glucagon
- Icatibant
- Insulin
- Lanreotide
- Linaclotide
- Liraglutide
- Semaglutide
- Teduglutide
- Teriparatide
- Tirzepatide
- Vasopressin
- Ziconotid



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