National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LIFETECH SERVICE LABORATORY (INVITROGEN BIOSERVICES INDIA PRIVATE LIMITED), 372, UDYOG VIHAR, PHASE-II, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10934 **Page No** 1 of 1

Validity 25/08/2022 to 24/08/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN,PLANTS,ANIMAL,MICROBIAL)	gDNA, cDNA, RNA	Absolute Quantification By Real Time PCR	Real Time PCR- LSL-SDS-SOP-22, LSL-SDS-SOP-23, LSL-SDS-SOP-25
2	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN,PLANTS,ANIMAL,MICROBIAL)	gDNA, PCR Products	Fragment Analysis Using Capillary Electrophoresis	Microsatellite Analysis and SNP Genotyping- LSL-GA-SOP-18 and LSL-GA-SOP-19
3	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN,PLANTS,ANIMAL,MICROBIAL)	Human, Rodent, Plant, Bacterial, Viral, DNA, RNA, cDNA, PCR Products	Next Generation Sequencing By Semiconductor Based Sequencing	Fragment Sequencing on Ion Torrent- LSL-NA-SOP-08, LSL-NA-SOP-10, LSL-IA-SOP-27, Amplicon Sequencing on Ion Torrent- LSL-IA-SOP-29, LSL-IA-SOP-33, Targeted Sequencing on Ion Torrent- LSL-NA-SOP-08 to LSL-NA-SOP-10, LSL-IA-SOP-30, RNA Sequencing on Ion Torent- LSL-NA-SOP-08 to LSL-NA-SOP-10, LSL-IA-SOP-31, LSL-IA-SOP-34, Paired End Sequencing on Ion Torrent- LSL-NA-SOP-08 to LSL-NA-SOP-10, Mate Paired Sequencing on Ion Torrent- LSL-NA-SOP-08, LSL-NA-SOP-10, LSL-IA-SOP-37
4	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN,PLANTS,ANIMAL,MICROBIAL)	Plasmid DNA, Human, Rodent, Plant DNA, PCR Products, Fungal and Bacterial DNA.	DNA Sequencing Analysis 16s rDNA Analysis	BigDye Terminator Sequencing-LSL-GA-SOP-11 to LSL-GA-SOP-17
5	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN,PLANTS,ANIMAL,MICROBIAL)	RNA, cDNA, miRNA	Gene Expression Analysis By Real Time PCR	Real Time PCR- LSL-SDS-SOP-24 LSL-SDS-SOP-25 LSL-SDS-SOP-26