

Laboratory Skills for Resumes

AKTA & FPLC	DNA/RNA work	Optical instrumentation
Alpha amylase production	Diagnostic (vaccines)	Oscilloscopes
Analyze 1H and 13C NMR	Differential centrifugation	PCR
Analyze mass spectral data	Distillation	Photometric kinetics
Animal handling	Drosophila genetics	Photomultipliers
Antibody conjugation	Electrochem-cyclic voltammetry	Photon & particle detectors
Antibody purification	Electron microscopy	Physiological processes
Aseptic technique	ELISA	Polarography
Assay of antibodies	Enzyme assays and kinetics	Polymers Science
Assay of antigens	Enzyme induction in bacteria	Preparation and sterilization of media
Assay of fermentation broths for production	Extraction	Proportional counters
Assay of receptors	Fermenters	Protein purification
Atomic spectroscopy	Fluorescent antibody test	Pulse amplification & detection
Bacterial conjugation and mapping	GC	Pulse height analyzers
Bacterial culture identification	Gel electrophoresis	Pure culture methods
Bacterial growth curves	Genetic manipulation of plant cell	Quantification of microbes
Bacterial testing of water	Good Laboratory Practices	Radioactive material handling
Bioinformatics	Hematology	Radionuclide labeling
Biomarker screening	Hybridoma cultures	Reagent preparation
Biomimetic oxidations	Immunology	Recombinant DNA technology
Bioreactors	Immunophenotyping	Regulatory Affairs
CAD/CAM	Indirect immunofluorescence	RT & PCR
Calorimetric assays	In Vitro transcription	Scientific Writing
Capillary Electrophoresis	IR	Screening & fermentation
CCD camera image acquisition	Isolate and screen microorganisms	Selection of bacterial mutants
Cell culture (read/report)	Isolation and analysis of DNA	Sequencing
Cell fractionation	Isolation of bacteriophage	Simple and differential staining
Cell/gene cloning	LC/MS & NMR	Simple inorganic & organic synthesis
Chemical kinetics measurements	Light microscopy	Spectroscopy
Chromatography-analytical HPLC	Lystate preparation	Soldering (electronics)
Classification of organisms	Medium preparation	Southern blotting
CNS	Microbiological assays	Synthetic
Colligative prop-polymer visc	Microscopy	TALEN technology
Complement fixation test	Multi-step synthesis	Titration
Compound manipulation	Mutagen identification via Ames Test	TLC
Confocal Microscopy	Mutagenesis	Transfections
Construct a phylogenetic tree	Mutagenesis and mapping	UV
Crystallization	Mutant characterization	UV/VIS Spectrophotometry
Culture and identification of bacterial pathogens	Nanoparticles	Vaccine Formulation
Cytokine	Neurodegenerative	Western blotting
Cytoplasmic RNA extraction	N-body Technique	Wet Lab
Databases	Northern blotting	Yogurt production and analysis
	Oligonucleotides	
	Oncology	