Example of Research Lab Technician Job Description

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Our company is looking to fill the role of research lab technician. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for research lab technician

- Tissue culture of human cancer cells
- Protein chemical assays including immunoprecipitation and immunoblotting
- Cell proliferation assays following pharmacological treatments
- Extraction and analysis of DNA and mRNA, including PCR, quantitative PCR, realtime-PCR
- Animal experimentation may be involved
- Data analysis and recording of results electronically and in a lab notebook
- Protocol and literature searches
- Evaluations of new assay methods or instrumentation
- Working closely with a scientist who will serve as direct supervisor and mentor
- Co-operating with a team of experimental and computational scientists

Qualifications for research lab technician

- Prior experience with working at BSL-2 level or BSL-3 level
- Prior experience handling and processing hundreds of laboratory samples
- Prior experience using automated-extraction equipment
- Comfort using a multi-channel pipette
- Co-authorship on a scientific publication
- Prior experience or undergraduate-level coursework with a basic programming language for data analysis (Python, MATLAB, R)