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# Example of Research Lab Technician Job Description

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)