Clinical Laboratory Assistant Job Description

Duties and Responsibilities:

- Set up, calibrate, and maintain laboratory equipment to ensure efficient performance
- Collect and analyze body fluids such as urine and blood to detect pathogens
- Utilize specialized electrical and mechanical devices such as microscopes, densitometer, and spectrometer to conduct analysis
- Conduct blood tests to determine the compatibility of a blood type for transfusion
- Prepare and forward results of laboratory analysis to physicians, pharmacists, and other healthcare professionals for decisive action
- Ensure blood samples are collected and handled in observance of asepsis principles
- Inoculate fertilized eggs, broths, and other culture medium with microorganism
- Cut, stain, and mount tissue specimens for pathological examination
- Conduct tests to determine chemical combination necessary for the preparation of vaccines and serums
- Prepare standard volumetric solutions of reagents required for chemical analysis of specimen
- Conduct qualitative and quantitative tests on finished products to determine actual makeup of a substance
- Ensure adherence to correct testing policies, procedures, and health regulations
- Maintain an up-to-date knowledge of industry development, trends, and recent lab techniques
- Ensure they protect patient information to uphold confidentiality agreements
- Conduct research on specific topics to gather and obtain relevant information.

Clinical Laboratory Assistant Requirements – Skills, Knowledge, and Abilities

- Education and Training: To become a clinical laboratory assistant, you require a Bachelor's degree in medical technology or biology, or in a related life science discipline. You also require certification from recognized bodies such as the American Society for Clinical Pathology (ASCP)
- Attention to detail: Clinical laboratory assistants are careful and precise with test reagents and samples to ensure unbiased results
- Analytical Skills: They are proficient in conducting various tests and analysis on specimen to identify pathogens
- Computer Skills: They are well versed in using computerized systems to perform clinical tests on samples.