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**SUMMARY**

Highly motivated certified Medical Technologist with 3+ years experience. Areas of expertise include analysing specimens by means of approved testing procedures and providing accurate results.

**SKILLS**

* Exceptional analytic and interpretation skills
* Outstanding communication skills
* Demonstrated ability to maintain a high degree of confidentiality
* Able to follow the laboratory's procedures for specimen handling and processing, test analyses, reporting and maintaining records of patient test result
* Knowledge of CLIA, HIPAA, OSHA, and safety guidelines

**PROFESSIONAL EXPERIENCES**

**01/2012 to present Ashford and St. Peters Hospital------London, Uk**

**Clinical Audit Assistant**

* Responsible to provide support to clinical audit projects that are aimed to provide patients with best quality treatment.
* Examine appropriateness of clinical procedures performed within the department.
* Undertake quality assurance of data for clinical audit projects, checking for accuracy of data entered and ensuring completeness.
* Contribute to the development of recommendations aimed at changes to clinical practices and procedures.

**09/2011 to 10/2011 St. George’s University Hospital-----London, UK**

Locum work in Cellular and Molecular Research Lab

* Prepare dilutions for Tobramycin and HT61 drug to check effectiveness against Pseudomonas aeruginosa.
* Prepare MSA agar plates, label and inoculate agar appropriately using sterile techniques.
* Incubate agar plates for different time intervals and read the colony growth.
* Prepare excel data sheet and enter results for 24 hr. bacterial growth.

**06/2011 to 08/2011 Guy’s and St. Thomas Hospital--- London, U.K**

Central Specimen Reception

* Received, sorted and logged patient specimens onto the laboratory computer system.
* Worked on the virology and chemistry samples including blood and urine.
* Book in and process specimens using automated equipment.
* Filed different types of samples appropriately.

**06/2008 to 12/2009 M.D Anderson Cancer Research Hospital, Houston, Texas, U.S.A** Virology Department

* Performed Direct Antigen Testing using the DFA kit.
* Performed manual Cytomegalovirus Antigen Test on blood specimen.
* Performed shell vial and shell plate testing to verify various viruses such as CMV, HSV, VZV and Respiratory viruses.
* Performed Culture Tube testing to determine different viruses.
* Performed Virology processing.

Blood Smears/Infection Control

* Prepared blood smears, reported gram stain results and work-up blood cultures.
* Performed ATTEST biological monitoring system.
* Performed environmental monitoring such as screening for Legionella species from different water sources.
* Performed sterility check on cord blood and bone marrow products.

Acid Fast Bacilli (AFB)

* Performed digestion, decontamination and processing of AFB (Mycobacteria) specimens using sterile techniques to inoculate appropriate AFB media.
* Performed AFB kinyoun cold stain to detect and confirm AFB from smear preparations made from direct specimens.
* Performed Rapid Modified Auramine O Flurescent to stain Mycobacteria in direct sm
* ears made from specimens.
* Identified Mycobacteria by PCR and sequencing of the 16S Ribosomal RNA gene using techniques of DNA extraction and amplification.

**10/2006 to 01/2007 M.D Anderson Cancer Research Hospital, Houston, Texas, U.S.A**

Biochemistry Department

* Performed batch testing on Vitros 250 and LX 100.
* Performed QC, troubleshooting, weekly and monthly maintenance on each instrument.
* Prepared quality control fluids and performed QC for coagulation tests.
* Performed QC on blood gas analyzer and performed miscellaneous tests.

**EDUCATION AND PROFESSIONAL TRAINING**

August 2004- 2006 Bachelor of Science (honours) in Clinical Laboratory Science

 **University of Texas Medical Branch Texas U.S.A**

August 2002- 2004 Two years Pre requisite Course in Science

 **North Harris College Texas U.S.A**

Sep 2000- May 2002 High School Diploma

 **Klein High School Texas U.S.A**

**REWARDS/HONOURS**

• Member of Who’s Who Among American High School ( 2001-2002).

• Special Achievement in Health Science Technology Award-(2001-2002).

• Member of Phi Theta Kappa Society (2003 ).

• Collegiate All-American Scholar Award (2003).

• Treasurer of Lambda Tau Honor’s Society (2003-2004).

• Outstanding Research Award (2006).

**PROFESSIONAL MEMBERSHIP**

• Health Professions Council UK

• Member of American Society for Clinical Laboratory Science USA

**RESEARCH EXPERIENCE**

Researched the effect of tap water versus de-ionized water on the quality of gram stained slides. The results from 120 slides were compared for the artifacts and organism found in the water.