THUSHARA

Thushara.368596@2freemail.com

***Objective***

To work in a progressive establishment where I can use my knowledge and experience for the betterment of the organization.

***Abilities***

* Quick Learner.
* Good Analytical Skill.
* Ability to determine appropriate test equipment or instruments to be used.
* Ability to perform highly repetitive tasks while maintaining accuracy and speed.
* Ability to organize and prioritize work.
* Ability to communicate orally and in writing to gather and exchange information.
* Ability to work with potentially hazardous chemicals and microorganisms.

***Experience summary***

Having 4.6 years working experience as lab technician in Dubai and 2.6 years of experience as

Microbiologist in India.

During this tenure, gained insights knowledge in techniques required for general laboratory safety and the proper handling of hazardous materials.

***Professional Experience***

**Al Muhaisnah Polyclinic, Dubai**

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|  | **Period** | : From August 2012 - till date |
|  | **Designation** | : Medical Laboratory technician |

**Responsibilities**

* Responsible for primary sample collection,acceptance and rejection.
* Pre examination handling,preparation and storage of samples.
* Performing daily internal QC and proficiency testing(RIQAS).
* Reporting and validation of reports.
* Back up of all data from equipment.
* Maintaining inventory control system for reagents, media and consumables.
* Place orders for purchase of reagents ,media and consumables.
* Identification and disposal of NC.
* Preparation for internal audit.
* Ensuring evaluation of KPI.
* Carried out all general laboratory tests in biochemistry, hematology, microbiology, serology and clinical pathology under ISO15189 standards.

**Leela Ravi Medical Trust**

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|  | **Period** | : 2.6 years |
|  | **Designation** | : Microbiologist |

**Responsibilities**

**BACTERIOLOGY**

* Responsible for inoculating,cultivating,classifying and identifying microorganisms found in body fluids,exudates,skin scrapings and surgical specimens.
* Prepares and interprets gram stains, acid fast stains, preparations of fungus and parasitology.
* Responsible for observing the bacterial growth from cultures and identifying the type of bacterial colonies found.
* Carried out Antibiotic susceptibility tests.
* Document all test results in the clinical laboratory log and in the computer system.
* Carried out sterility testing of swabs taken from surgical instruments used in operation theatre, different equipments in the post operative ward etc.
* Performed sterility testing of blood bags,
* Preparation of specific culture media required for different tests.
* Discarding media and cultures and conduct sterilization of materials by autoclaving and operating dry heat sterilizer(DHS).
* Maintained bacterial and fungal cultures.
* Maintained a complete daily and monthly reports including number and types of tests performed and number of positive findings.

**SEROLOGY**

* Performed HIV tridot test, RPR card test for syphilis, HCV tridot test, slide test for Anti streptolysin O, slide test for C-reactive protein, slide test for rheumatoid factors.
* Conducted one step rapid visual test for the qualitative detection of HBsAg in human
* serum/plasma
* .Quantitative detection of ‘O’ and ‘H’ antigens of *Salmonella* group of organisms responsible for causing typhoid by using widal test.

***Technical skills***

**OS** : Windows 2000

**Programming Languages** : C

**Software Tools :** Ms Office, Page maker & Photoshop

***Educational Background***

* Master of Science in Microbiology from Dhanalakshmi Sreenivasan college of arts & Science for women(affiliated to Bharathidasan University), Tamil Nadu.

Percentage obtained: 79.5%

* Bachelor of Science in Microbiology & Biochemistry(Core subject) from Sree Narayana college of Arts & Science for women(affiliated to Kerala University),Kerala.

Percentage obtained: 80%

* X1I from M.L.M.Mamallan matric Higher Secondary School, Kanchipuram under TamilNadu State Board.

Percentage Obtained: 80%

* X from M.L.M.Mamallan matric Higher Secondary School, Kanchipuram under StateBoard.

Percentage Obtained: 81%

***TRAINING***

* Attended ISO 15189 training course conducted by DAC in November 2016 in Dubai. Awaiting the certificate.

***DHA***

**DHA license holder**

* ***Dha license no.P-0025033***

***Academic Project Thesis***

**Detection of *Escherichia coli* O157:H7 in food using Polymerase Chain Reaction**

was done at NEERI,CSIR complex,Chennai, under the guidance of Dr.Kamatchiammal.

Description:

*E.coli* O157:H7 is one of the strains of bacterium *E.coli.* Although most strains are harmless,this strain produces a powerful toxin and can cause severe illness. Therefore as with other pathogenic micro organisms, it is important that the presence of *E.coli* O157 be detected from foods. Isolation and identification of *E.coli* O157:H7 from food samples was carried out using sorbitol Macconkey agar,LB-MUG and PCR. PCR is a highly specific and sensitive method to detect the organisms when compared to other culture methods. Out of 20 samples tested only 5 samples showed negative for LB-MUG assay and only one sample was negative when PCR was carried out.

Responsibilities:

Collection of samples, plating of samples, conducted PCR.

***Personal details***

Date of Birth : 05.07.1982

Nationality : Indian

Marital Status : Married

Languages : English (Speak and Writing) Hindi (Speak and Writing) Malayalam (Speak and Writing) Tamil (Speak and Writing)