MEDICAL LABORATORY TECHNICIAN

Definition
Under supervision, perform laboratory tests of moderate complexity.

Distinguishing Characteristics
The Medical Laboratory Technician class is distinguished from the lower level Medical Laboratory Assistant series in that incumbents perform moderately complex laboratory tests as defined by State and Federal regulations. It is differentiated from the higher Clinical Laboratory Scientist and Public Health Microbiologist series in that incumbents may not perform highly complex laboratory tests as defined by State and Federal regulations.

Typical Tasks
• Performs all duties of the Medical Laboratory Assistant III;
• Performs, verifies, and reports results of moderately complex laboratory tests including but not limited to: blood gas analyses; approved mononucleosis testing; complete blood counts; negative urine cultures; activated clotting times; other moderately complex microbiology tests; basic metabolic panels
• Performs moderately complex therapeutic drug monitoring;
• Performs required quality control and quality assurance assessment;
• Performs testing completely, accurately, within established timeframes and according to established policies and procedures;
• Enters quality control and test results into information systems accurately and within established timeframes;
• Performs special projects and research studies as assigned;
• Orient and trains lower series, new employees and other laboratory staff;
• May act as a liaison to other departments;
• Attends and participates in educational events;
• Performs related duties as assigned.

Employment Standards
Possession of a valid Medical Laboratory Technician license issued by the State of California, Department of Health, Laboratory Field Services.

Sufficient education, training and experience to demonstrate possession of the following knowledge and abilities.

Knowledge of:
• Laboratory concepts, techniques and practices used in moderately complex testing;
• Laboratory equipment used for moderately complex tests;
• Equipment maintenance and troubleshooting;
• Current quality control and quality assurance concepts, standards and practices;
• Proper safety precautions and procedures utilized in handling all types of laboratory specimens, reagents, chemicals and hazardous waste;
• Current project management, personnel supervision, customer service and training techniques;
• Phlebotomy techniques, specimen handling and integrity issues;
• Laboratory and medical terminology.

Ability to:
• Perform a wide variety of moderately complex laboratory tests and procedures with skill and accuracy according to prescribed procedures;
• Collect specimens from patients with skill, patience and tact;
• Train others in technical laboratory procedures and equipment use;
• Work effectively in a high volume, fast paced environment;
• Follow written and oral technical directions;
• Work effectively and in cooperation with organizations, departments and personnel;
• Maintain records and prepare technical, factual reports of test results;
• Calibrate, troubleshoot, adjust and maintain highly sensitive laboratory equipment according to manufacturer’s specifications and established laboratory procedures; make necessary emergency equipment repairs.

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