

## Job Description

<b>Job Title</b>	Laboratory Technologist, Neurochemistry	<b>Dept</b>	Neurochemistry Laboratory
<b>Supervisor</b>	Supervisor of Neurochemistry	<b>Hourly</b>	Non-Exempt

### Purpose:

The Neurochemistry Department is involved in the diagnosis of neuro-metabolic disorders utilizing a variety of analytical techniques, including HPLC, LC-MS/MS, and GC/MS to determine the presence or absence of specific disease biomarkers found in biological fluids (CSF, plasma, urine).

The general objective of the Neurochemistry Laboratory technologist is to perform complex laboratory procedures, recognize deviation from expected results, analyze and correct problems using scientific principles. Specific duties include: performing testing per established protocols within established turn-around-times; utilize laboratory databases and electronic files to review and confirm patient testing and record data/results; perform general maintenance of all instruments; perform daily, weekly, and monthly duties as required around the neurochemistry department.

### Essential Duties:

- Handles and processes orders and specimens according to current standard operating procedures (SOP) and within designated turn around times.
- Operates instruments using established protocols and quality control checks; performs preventative and corrective maintenance on instruments.
- Performs, records, and analyzes QC data in order to make judgments concerning the results and takes appropriate action to maintain accuracy and precision.
- Accurately reports test results; documents critical values according to policy.
- Recognizes and documents deviations from established protocols and supports and participates in the continuous assessment and improvement of the quality of care and services provided.
- Understands and complies with OSHA Safety Standards, hazardous chemical policies and procedures, and all biosafety procedures and regulations.
- Acts in a professional manner utilizing core or essential human resources skills when dealing and communicating with clients and coworkers.
- Meets conditions of employment, including but not limited to: attendance, punctuality, work rules, and confidentiality.



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### Minimum Requirements:

- Bachelor of Science Degree in Medical Technology, chemistry, or related science is required.
- Medical Laboratory Scientist/Technologist certification (ASCP, AMT or equivalent) must be obtained within six months of hire.
- Previous experience in a clinical or research laboratory is preferred.
- Demonstrated knowledge of HPLC, LC-MS, and data interpretation desired.
- Requires limited use of independent judgment and responsibility with moderate technical supervision.



<b>Working Environment</b>	<b>Seldom</b>	<b>Occasional</b>	<b>Frequent</b>
Cold (50 F or less)	X		
Heat (90 F or more)	X		
Humidity	X		
Heights	X		
Noise		X	
Standing			X
Sitting			X
Walking			X
Bending			X
Working with others			X
Repetitive movements			X
Gases/Fumes		X	
Dust	X		
<b>Operating Machinery</b>			
Copier		X	
Telephone			X
Facsimile			X
10-Key	X		
Calculator			X
Computer			X
Mouse			X
Printer			X
<b>Moving Equipment</b>			
Light (Under 5 lb.)			X
Moderate (5 to 20 lbs.)			X
Heavy (Over 20 lb.)		X	
<b>Description of Movement</b>			
Lift/Lower			X
Carry			X
Push/Pull			X
Reach above			X
<b>Other</b>			
Visual acuity: near			X
Visual acuity: far		X	
Color discrimination			X
Hearing		X	
Speech			X
Depth Perception		X	
Manual Dexterity			X
<b>Travel</b>			
Local	X		
National	X		
International	X		

*This description is not intended, and should not be construed, to be an exhaustive list of all responsibilities, skills, efforts, or working conditions associated with this job. It is intended to be an accurate reflection of the principal job elements essential for making compensation decisions.*

Employee Signature \_\_\_\_\_

Date \_\_\_\_\_