JULIAN MERCER

MEDICAL TECHNOLOGIST

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PROFESSIONAL SUMMARY

ASCP-certified Medical Laboratory Scientist with 12+ years in hospital and reference laboratories covering chemistry, hematology, blood bank, and microbiology. Runs and validates high-volume analyzers, resolves abnormal results quickly, and keeps turnaround inside targets. Experienced in CAP inspections.

PROFESSIONAL EXPERIENCE

Medical Technologist, Core Laboratory Jan 2020 - Present
Mayo Clinic, Rochester, MN

- Perform chemistry, hematology, and coagulation testing on a 24-hour core lab processing about 6,000 specimens a day.
- Cut STAT chemistry turnaround time by about 12% by rebalancing analyzer workload and fixing specimen-delivery handoffs with nursing.
- Verified two new immunoassay analyzers, running precision, linearity, and correlation studies for the lab director's sign-off.
- Review critical values and delta checks, calling providers within 15 minutes and documenting every notification.
- Prepared for two CAP inspections with the supervisor, and the section closed both with no deficiencies.
- Trained 7 new technologists and MLT students on analyzer maintenance and the quality control program.
- Investigated shifts and trends on Levey-Jennings charts and traced an HbA1c drift to a calibrator lot before patient results were affected.

Medical Technologist, Blood Bank and Hematology Aug 2016 - Dec 2019
Hennepin Healthcare, Minneapolis, MN

- Performed ABO/Rh typing, antibody identification, and crossmatching for a Level I trauma center, supporting massive transfusion and routine transfusion decisions around the clock.
- Worked up complex antibody panels and escalated difficult cases to the blood bank medical director and the reference laboratory within the hour.
- Reviewed peripheral smears and flagged blast cells and parasites for pathologist review.
- Maintained reagent inventory and QC records with no lapses during state surveys.
- Rotated through microbiology to set up cultures, Gram stains, and susceptibility panels as needed.

Medical Technologist, Core Laboratory Jul 2014 - Jul 2016
Abbott Northwestern Hospital, Minneapolis, MN

- Processed and ran routine chemistry and urinalysis specimens on evening shifts, supporting the emergency department.
- Completed a structured rotation in microbiology and blood bank, which supported the move to a dedicated blood bank role.
- Reduced specimen rejection from mislabeling by reviewing collection errors with phlebotomy staff.
- Performed manual differentials and urine microscopy on evening shift, keeping the ED turnaround for those tests under 60 minutes.

CORE SKILLS

Chemistry analyzers | Hematology and coagulation | Blood bank and antibody workups | Microbiology | Quality control | Method verification | CAP and CLIA compliance | LIS (Sunquest, Epic Beaker) | Critical value reporting | Peripheral smear review | Troubleshooting instruments | Lean lab workflow | Training and competency

EDUCATION

Bachelor of Science in Medical Laboratory Science, University of Minnesota, Minneapolis, MN

CERTIFICATIONS

Medical Laboratory Scientist, MLS(ASCP) | BLS for Healthcare Providers, American Heart Association