



Scientific Services on a Global Basis

TDI-Brooks International, Inc.

14391 S. Dowling, College Station, TX 77845

Ph: (979) 693-3446 Fax: (979) 693-6389

www.tdi-bi.com

Cienna Kirkland
Sample Custodian
ciennakirkland@tdi-bi.com

EDUCATION

Texas A&M University, College Station, TX, Bachelor of Science, Biology,
May 2010

PROFESSIONAL EXPERIENCE

TDI-Brooks International, Inc./ B&B Laboratories, College Station, TX
Sample Custodian, September 2019 - present

- Receive, log, and track samples under Chain of Custody requirements
- Prepare samples to be sent to contract laboratories under Chain of Custody
- Organize samples for analysis and long term storage
- Monitor and archive temperature records for sample storage areas
- Maintain Safety Data Sheets (SDS) binder
- Receive, log, and track inventory/consumables
- Maintain purchase order records
- Determine total organic/inorganic carbon in sediment using LECO 632 analyzer
- IATA Dangerous Goods Shipping and DOT Hazardous Materials Transportation Certified

Texas A&M Veterinary Medical Diagnostic Laboratory, College Station, TX
Clinical Pathology Lab Technician, February 2017- September 2019

- Perform tests in accordance with ISO 17025, AAVLD, and USDA regulations
- Catalog samples; maintain sample organization and storage
- Obtain complete blood counts using multichannel Advia instrument; manually acquire additional values such as total protein, fibrinogen, and hematocrit
- Microscopically evaluate peripheral blood smears for hemoparasites and cell morphology; perform manual white blood cell differential
- Perform urinalysis
- Prepare and analyze samples on AU480 and Immulite instruments for chemistry and immunoassay testing
- Analyze serum proteins by electrophoresis (SPE)
- Perform various ELISA tests
- Prepare fine needle aspirate slides and fluids for cytological review



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- Perform various qualitative and quantitative fecal parasitology tests
- Maintain inventory and prepare necessary materials and reagents
- Verify accuracy of various instruments; perform and document instrument maintenance
- Enter data and results in USA LIMS, CoreOne
- Review normal test results and distribute reports to clients

TDI-Brooks International, Inc. /B&B Laboratories, College Station, TX
Environmental Lab Technician, October 2010 – February 2017

- Prepare and extract environmental samples via ASE instrument and other methods
- Determine total organic/inorganic carbon in sediment using LECO 632 analyzer
- Perform analytical tests including percent dry weight, percent lipid, and extracted organic material
- Perform sample cleanup by column chromatography and HPLC
- Concentrate samples using water bath and nitrogen blow down (N-EVAP)
- Organize and maintain sample chain of custody, logbooks, and detailed records
- Calibrate and verify accuracy of instruments, pipettes, and balances
- Prepare necessary reagents and materials and perform routine lab maintenance
- Work closely with QA officer to create, edit, and implement new training documents and standard operating procedures that meet ISO 9001 and NELAP requirements

Texas A&M Student Business Services, College Station, TX
Student Worker, January 2007 – October 2010

- Provide customer service over the phone, through email, and in person to students and parents regarding tuition and fees
- Use Oracle and SIMS programs to access student accounts
- Perform light accounting and other office duties