

Founded in 1964, the laboratory is accredited by CLIA and the College of American Pathologists. With capabilities rivaling those of large academic center laboratories, including LC-MS/MS technology for toxicology and pain management, BBPL processes over 80,000 specimens annually with all testing performed in house. Named as one of the Top 50 Molecular Diagnostic Test Labs by Test Volume<sup>1</sup>, BBPL's molecular diagnostics division is backed by ABP board-certified pathologists who are available for consult 24/7. We invite you to experience the Boyce and Bynum difference.

**Coagulation:**

- Factor V Leiden Mutation (G1691A)
- MTHFR Gene Mutations (C677T and A1298C)
- Prothrombin Gene Mutation (G20210A)

**Congenital Diseases:**

- Cystic Fibrosis (ACMG/ACOG mutations including Poly T)

**Oncology:**

- BCR-ABL, QL
- BCR-ABL p210, QT
- Bladder Tumor Detection Panel
  - Urovysion FISH
  - p16 IHC
  - Cytology
- Breast Cancer Prognostic Panel
  - ER/PR IHC
  - HER2 IHC and FISH
  - Ki-67
- BRAF V600E Mutation
- KRAS Mutation Analysis
- Mismatch Repair Proteins, IHC
- Micro Satellite Instability (MSI)
- NRAS Mutations
- Flow Cytometry
- Hematologic FISH
- BCR-ABL, QT
- Flow Cytometry
- JAK2 Mutation (V617F)
- HER2 Analysis, Gastroesophageal IHC and FISH
- ALK Rearrangement FISH
- EGFR Mutation Analysis (including T790m)
- PD-L1 IHC
- ROS1 FISH

**Reproductive Health:**

- Candida species
- Chlamydia trachomatis
- Gardnerella vaginalis
- Herpes Simplex Virus w/ typing
- Human Papillomavirus Genotypes 16, 18/45
- Human Papillomavirus
- Mycoplasma genitalium
- Neisseria gonorrhoeae
- Trichomonas vaginalis

**Infectious Diseases:**

- Clostridium difficile Toxin
- Cytomegalovirus, QL
- Cytomegalovirus, QT
- Epstein-Barr Virus
- Gastrointestinal Pathogens Panel
  - Bacteria: Campylobacter
  - Clostridium difficile (Toxin A/B)
  - Diarrheagenic E. coli/Shigella
  - E.coli O157
  - Enteraggregative E.coli (EAEC)
  - Plesiomonas Shigelloides
  - Salmonella
  - Vibrio
  - Vibrio cholerae
  - Yersinia enterocolitica
- Parasites: Cryptosporidium
- Cyclospora cayetanensis
- Entamoeba histolytica
- Giardia lamblia
- Viruses: Adenovirus F 40/41
- Astrovirus
- Norovirus GI/GII
- Rotavirus A
- Sapovirus (I, II, IV and V)
- Hepatitis C Viral RNA, QL
- Hepatitis C Viral RNA, QT
- Hepatitis C Virus Genotype
- Herpes Simplex Viruses w/ typing
- Human Immunodeficiency Virus RNA, QT
- Respiratory Pathogens Panel
  - Adenovirus RNA
  - Bordetella pertussis
  - Chlamydia pneumoniae
  - Coronavirus (HKU1, NL63, 229E and OC43)
  - Influenza Virus RNA (A H1, H3, 2009 H1N1 & B)
  - Metapneumovirus RNA
  - Mycoplasma pneumoniae
  - Parainfluenza Virus (Types 1-4) RNA
  - Respiratory Syncytial Virus RNA (A&B)
  - Rhinovirus

*For test inquiries or to arrange consultation, contact Client Services at 800-786-4602. To become a Boyce and Bynum client, e-mail [marketing@bbpl.com](mailto:marketing@bbpl.com).*

<sup>1</sup>Klipp, J. (June 2014). Top 50 Molecular Diagnostic Testing Labs by Test Volume. *Laboratory Economics*, 9(6), 8-9.

