

Microbiology Services

CBI offers a full-line of microbiological services including small and large-scale production of aerobic and anaerobic microorganisms as well as the ability to purify different cellular components. CBI Microbiology Services also offers technical consulting and a full array of bacterial and viral testing through rapid (real-time PCR) or routine methods (standard biochemical). These methods are in compliance with AOAC, Food and Drug Administration's (FDA) Bacteriological Analytical Manual (BAM) or other official compendia to detect pathogens.

CBI has developed a proprietary panel of DNA based tests that can not only detect the presence of human herpes virus (HHV) but can also measure the levels (i.e., viral load) of these viruses in the blood. Our panel is variant specific and, therefore, can detect each specific variant even in the presence of other, closely related members of the family. CBI is CLIA accredited. See www.herpes-testing.com

CBI operates two fully functional Biosafety Level-3 (BSL-3) laboratories for work with virology and bacterial select agent pathogens. This facility is licensed to receive and work with select agents as defined by the CDC and USDA licensure.

CBI can perform rapid and sensitive food safety testing to detect pathogens in foods and production facilities. We can work with your company to help assure food safety by monitoring your environment and work areas for pathogens. Rapid turnaround time, which is so important to the food industry, is a hallmark at CBI.

CBI capabilities include production and lot release testing following Section 21 Code of Federal Regulations (CFR), International Conference on Harmonisation (ICH) or FDA guidelines that are addressed.

All work is carried out under Good Laboratory Practices (GLP).

CBI technicians and scientists stand ready to provide complete customer support including, testing, research, consulting and data management services.