

Synthetic Controls for Pathogens Detection

One expert source...

Simple • Specific • Safe » Reference Standards

The demands to introduce molecular diagnostic tests for both endemic and exotic diseases has accelerated following increasing terrorism fears. Ironically, these same concerns have lead to tightening of both import and export controls preventing many laboratories, particularly those outside of the United States, from gaining access to positive control material. This in turn has prevented many laboratories from introducing much needed molecular diagnostic tests.

Bio-Synthesis's **Synthetic Control Services** are designed for conventional and real-time PCR. It provides an alternative reference standard for all molecular diagnostic laboratory.

FEATURES AND BENEFITS

Convenient - Affordable

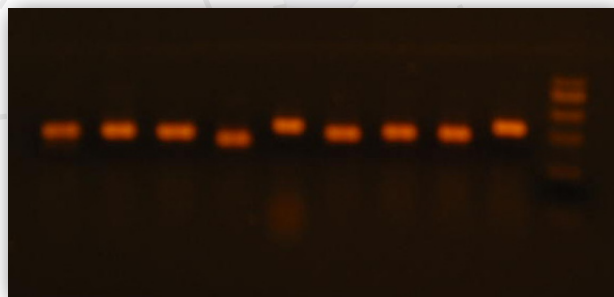
- ▶ Avoid loss of time in searching for hard-to-find strains, no cloning of products, generation of genetically modified organisms or specialized containment facilities.

Specific - Reliable

- ▶ Made-to-order reference standards are designed, synthesized and validated. The approach of using synthetic control significantly makes available almost any and all hard to find existing or new strains.

Safe-to-Use

- ▶ Reduce risk of using live viruses, infectious bacteria and other organisms which present a significant and unnecessary occupational health and safety concern.



Reference:

1. Aslanzadeh, 2004; Borst et al., 2004; Landry, 1995. Teles et al., 2005

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