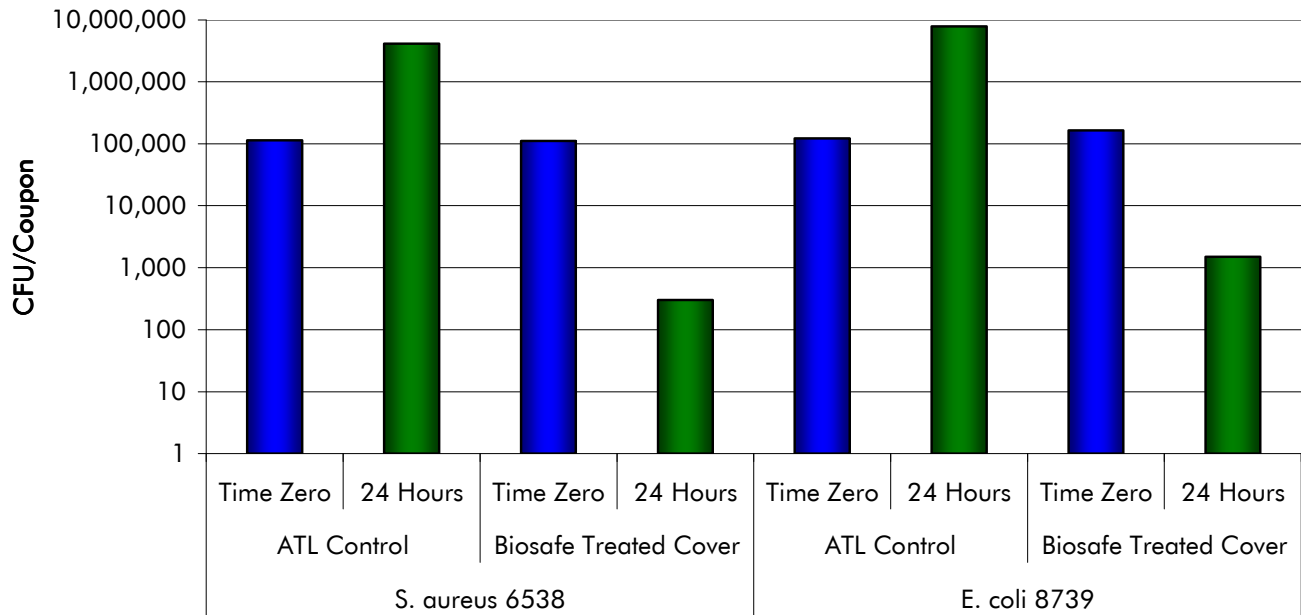


# Antimicrobial Test Laboratories

## Fast, Reliable Antimicrobial Efficacy Testing

### Study Report Summary Viziflex Seels, Inc.

#### Biosafe Treated Keyboard Covers Average Sample Results



### Summary of Testing

The JIS Z 2801 Antimicrobial Efficacy test, which is designed to quantitatively evaluate the degree of antimicrobial activity of plastic materials, was conducted on Biosafe treated keyboard covers from Viziflex Seels, Inc. The Biosafe treated samples, along with control) samples (no antimicrobial treatment, were inoculated side by side with two microorganisms, *S. aureus* and *E. coli*. After a 24 hour contact period with the microorganisms, the treated samples were compared to the control samples to determine the reduction of microorganisms caused by the action of the antimicrobial surface.

The Biosafe-treated keyboard covers performed well against Staph. bacteria, reducing levels roughly 300 cells per sample (compared to the control, which demonstrated growth of *S. aureus* to approximately 4,000,000 cells per sample), Test samples also performed well with respect to *E. coli*, reducing levels to roughly 1500 cells per sample (compared to the control which grew to approximately 7,800,000 cells per sample). These results demonstrated a 99.993% reduction of *S. aureus* and a 99.98% reduction of the *E. coli*, as compared to the control samples.