

MRSA In Vitro Testing

Hibiclens® kills various strains of MRSA using a standardized time-kill test.

METHOD

A 1:10 dilution of Hibiclens was tested against 10 MRSA strains - 5 ATCC (American Type Culture Collection) and 5 BSLI (BioScience Laboratories Inc.) in vitro. Further, MRSA strain ATCC #700699 was also tested at a 99% concentration of Hibiclens.

RESULTS

- When 1:10 dilution of Hibiclens was tested against 10 MRSA strains in vitro, Hibiclens was effective (>99% reduction) against nine of the 10 strains within 10 minutes of exposure.
- The strain that was not killed as effectively in the first study was subsequently re-tested using a higher concentration of Hibiclens (99 ml Hibiclens plus 1 ml water). After three minutes, the higher concentration of Hibiclens killed 99.9999% of this strain.
- Hibiclens was shown to be effective against all 10 of the tested strains within 10 minutes of exposure, depending on the concentration tested.

Protocols # 050338-201 and 050521-201

Hospital patients are contracting MRSA at 10 times the rate that some health officials had previously estimated.

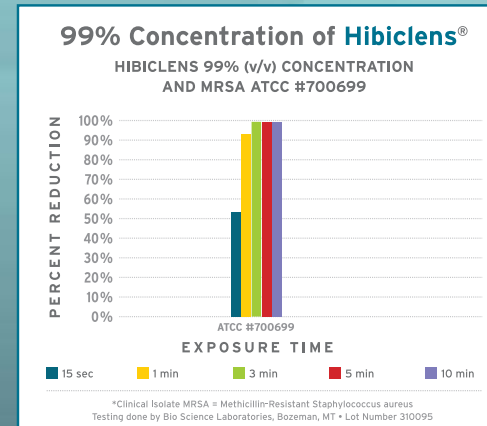
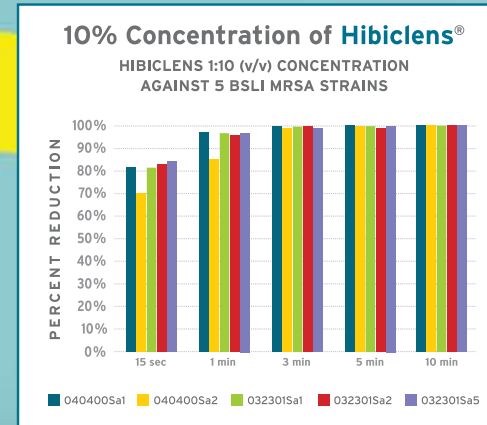
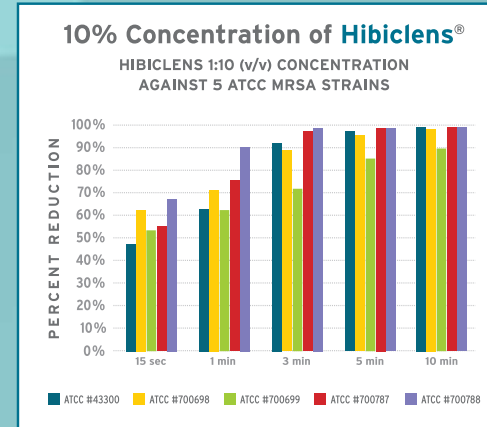
- Association for Professionals in Infection Control & Epidemiology (APIC) National MRSA Prevalence Study, 2007



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MRSA Strains: Testing with American Type Culture Collection and BioScience Laboratories Inc.



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