



Summary of Time Kill Study performed
by Accugen Laboratories, Inc.
Percentage Reduction in 1 & 2 minutes

Organism Name	Organism Type	Exposure Time	Microorganisms Recovered	% Reduction
Staphylococcus aureus	Gram Positive Bacteria	1 Minute	< 10	99.99
Staphylococcus* epidermidis	Gram Positive Bacteria	1 Minute	< 10	99.99
Candida Albicans	Yeast	1 Minute 2 Minutes	< 10 < 10	99.99 99.99
T. Mentagrophyte	Fungus	1 Minute 2 Minutes	390 70	99.67 99.73



Summary of Time Kill Study performed
by Nelson Laboratories
Percentage Reduction in 30 Seconds

Organism Name	Organism Type	% Reduction
Serratia marcesens*	Gram Negative Bacteria	99.998
E. coli	Gram Negative Bacteria	99.97
Pseudomonas aeruginosa	Gram Negative Bacteria	99.95
Staphylococcus aureus	Gram Positive Bacteria	99.86
Staphylococcus* epidermidis	Gram Positive Bacteria	99.04

**Microbiologists indicate many sanitizers are not tested for Serratia marcesens and Staphylococcus epidermidis as these are extremely difficult organisms to kill. Bryan Wilson, Study Director for Nelson Laboratories has also indicated it was exceedingly difficult to stop our Hand & Body Sanitizer Gel from killing thus causing testing challenges that likely reduced our scores as more contact with the neutralizer was needed than normal.