

# Technical Bulletin

Date 12/9/09

## *in Vitro* Time Kill Results Isagel® No Rinse Antiseptic Hand Cleansing Gel

Isagel kills greater than 99.9% of most microorganisms in 15 seconds or less.

Organism	Percent Reduction in 15 seconds	Log <sub>10</sub> Reduction in 15 seconds	Percent Reduction in 30 seconds	Log <sub>10</sub> Reduction in 30 seconds
<b>Gram Positive Bacteria</b>				
<i>E. faecalis</i>	>99.99	>6.18	>99.99	>4.83
<i>E. faecium (VRE)</i>	>99.99	>4.59	>99.99	>5.45
<i>Listeria monocytogenes</i>	>99.99	>4.11	>99.99	>6.04
<i>Micrococcus luteus</i>	>99.99	>4.40	>99.99	>4.38
<i>Staph aureus</i>	99.96	3.46	>99.99	>3.96
<i>Staph aureus (MRSA)</i>	99.96	3.36	>99.94	>3.19
<i>Staph epidermidis</i>	99.97	3.48	99.96	3.46
<i>Staph haemolyticus</i>	99.93	3.16	>99.96	>3.40
<i>Strep pneumoniae</i>	>99.99	4.36	>99.99	>6.11
<i>Strep pyogenes</i>	>99.95	>3.34	>99.99	>4.37
<b>Gram Negative Bacteria</b>				
<i>Bacteroides fragilis</i>	99.90	2.99	99.97	3.48
<i>Escherichia coli</i>	>99.99	>6.04	>99.99	>6.18
<i>Haemophilus influenzae</i>	>99.99	>5.79	>99.99	>5.78
<i>Klebsiella pneumoniae</i>	99.85	2.82	>99.97	>3.51
<i>Proteus mirabilis</i>	>99.99	>5.29	>99.99	>6.15
<i>Pseudomonas aeruginosa</i>	>99.99	>6.53	>99.99	>6.58
<i>Salmonella choleraesuis serotype enteritidis</i>	>99.99	>6.04	>99.99	>6.23
<i>Salmonella typhimurium</i>	>99.97	>3.58	>99.99	>6.30
<i>Serratia marcescens</i>	>99.99	>5.83	>99.99	>6.26
<i>Shigella dysenteriae</i>	>99.99	>6.71	>99.99	>6.62
<b>Anaerobic Bacteria</b>				
<i>C. Difficile (non-spore form)</i>	>99.68	>2.49	>99.98	>3.64
<i>C. Difficile (spore form)</i>	Not tested	Not tested	Not tested	Not tested
<b>Fungi</b>				
<i>Candida albicans</i>	99.97	3.52	>99.99	>4.34
<b>Viruses</b>				
<i>Herpes Simplex Type I</i>	>99.999	5.3	>99.999	5.3
<i>Herpes Simplex Type II</i>	>99.9	3.7	>99.9	3.7
<i>Rotavirus</i>	>99.9	3.9	>99.9	3.9
<i>Influenza A H1N1/A</i>	-	-	>99.99	4.13
<i>Influenza A H1N1/A/WS/33</i>	-	-	>99.99	4.50

Independent Laboratory, Data on File, Coloplast Corp., Skin Care

### Disclaimer - Provision of education information only - always seek professional advice

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