



Independent Laboratory Tests

Conducted At BioScience Laboratories, Inc. Bozeman, MT
On The Solution In
MyClyns™

Virus:

The solution in MyClyns has shown virucidal activity in *in-vitro* and clinical (human) *in-vivo* testing:

Virus	Study Type	Performance
Human Hepatitis C (BVDV surrogate)	clinical	>99.99% reduction within 30 seconds
Human Immunodeficiency (HIV-1/Mn)	<i>in-vitro</i>	>93.94% reduction within 30 seconds >99.99% reduction within 2.5 minutes
Human Influenza A H1N1 (ATCC #VR-1520)	<i>in-vitro</i>	>99.99% reduction within 30 seconds
Avian Influenza H3N2 A/turkey/OH/31053/04 (AI CAD Program, University of Maryland)	<i>in-vitro</i>	>99.99% reduction within 30 seconds
Herpes Simplex type 1 (HSV-1)	<i>in-vitro</i>	>68.74% reduction within 30 seconds

Bacteria:

The solution in MyClyns was tested using the standard OTC clinical (human) monograph test: **Healthcare Personnel Handwash (HCPHW) using *Serratia marcescens***. The solution showed immediate efficacy after one application (>99% bacterial reduction) and met the first reduction criteria for the HCPHW test.

Furthermore, the solution in MyClyns showed >99.99% *in-vitro* reduction in the following germs in as little as 15 seconds:

<i>Acinetobacter baumannii</i> (ATCC #19003)	<i>Proteus mirabilis</i> (ATCC #7002)
<i>Acinetobacter baumannii</i> (Clinical Isolate: BSLI #061901Ab3)	<i>Proteus mirabilis</i> (Clinical Isolate: BSLI #061901Pm2)
<i>Bacteroides fragilis</i> (ATCC #43858)	<i>Pseudomonas aeruginosa</i> (ATCC #15442)
<i>Bacteroides fragilis</i> (Clinical Isolate: BSLI #061901Bf6)	<i>Pseudomonas aeruginosa</i> (Clinical Isolate: BSLI #072605Pa)
<i>Candida albicans</i> (ATCC #10231)	<i>Pseudomonas aeruginosa</i> (ATCC #27853)
<i>Candida albicans</i> (Clinical Isolate: BSLI #042905Ca)	<i>Pseudomonas aeruginosa</i> (Clinical Isolate: BSLI #061901Pa2)
<i>Clostridium difficile</i> C-diff (ATCC #9689)	<i>Serratia marcescens</i> (ATCC #14756)
<i>Enterobacter aerogenes</i> (ATCC #29007)	<i>Serratia marcescens</i> (Clinical Isolate: BSLI #042905Sm)
<i>Enterobacter aeruginosa</i> (Clinical Isolate: BSLI #042905Ea)	<i>Staphylococcus aureus aureus</i> (ATCC #6538)
<i>Enterococcus faecalis</i> (ATCC #29212)	<i>Staphylococcus aureus</i> MRSA (ATCC #700698)
<i>Enterococcus faecalis</i> (Clinical Isolate: BSLI #061901Efs2)	<i>Staphylococcus aureus</i> VRSA (BSLI #062707NARS AVRSA)
<i>Enterococcus faecium</i> VRE, MDR (ATCC #51559)	<i>Staphylococcus aureus</i> (Clinical Isolate: BSLI #061901Sa1)
<i>Enterococcus faecium</i> (Clinical Isolate: BSLI #061901Efm1)	<i>Staphylococcus aureus</i> (ATCC #29213)
<i>Escherichia coli</i> (ATCC #11229)	<i>Staphylococcus aureus</i> (Clinical Isolate: BSLI #061901Sa2)
<i>Escherichia coli</i> (Clinical Isolate: BSLI #042905Ec1)	<i>Staphylococcus epidermidis</i> (ATCC #12228)
<i>Escherichia coli</i> (Clinical Isolate: BSLI #042905Ec2)	<i>Staphylococcus epidermidis</i> (Clinical Isolate: BSLI #072605Se)
<i>Escherichia coli</i> (ATCC #25922)	<i>Staphylococcus haemolyticus</i> (ATCC #29970)
<i>Haemophilus influenzae</i> (ATCC #8149)	<i>Staphylococcus haemolyticus</i> (Clinical Isolate: BSLI #042905Sha)
<i>Haemophilus influenzae</i> (Clinical Isolate: BSLI #072605Hi)	<i>Staphylococcus hominis</i> (ATCC #27844)
<i>Klebsiella oxytoca</i> MDR (ATCC #15764)	<i>Staphylococcus hominis</i> (Clinical Isolate: BSLI #042905Sho)
<i>Klebsiella oxytoca</i> (Clinical Isolate: BSLI #061901Ko1)	<i>Staphylococcus saprophyticus</i> (ATCC #35552)
<i>Klebsiella pneumoniae</i> subsp. ozaenae (ATCC #29019)	<i>Staphylococcus saprophyticus</i> (Clinical Isolate: BSLI #042905Ss)
<i>Klebsiella pneumoniae</i> (Clinical Isolate: BSLI #061901Kpn2)	<i>Streptococcus pneumoniae</i> (ATCC #33400)
<i>Micrococcus luteus</i> (ATCC #7468)	<i>Streptococcus pneumoniae</i> (Clinical Isolate: BSLI #072605Spn1)
<i>Micrococcus luteus</i> (Clinical Isolate: BSLI #061901M12)	<i>Streptococcus pyogenes</i> (ATCC #19615)
<i>Neisseria gonorrhoeae</i> (ATCC #19424)	<i>Streptococcus pyogenes</i> (Clinical Isolate: BSLI #061901Spy7)
<i>Neisseria meningitidis</i> (ATCC #13102)	

VRE = Vancomycin-Resistant *Enterococcus*
MDR = Multi-Drug Resistant

Contact us at **1-877-Go-Clyns** or **www.MyClyns.com**