

Efficacy Summary - Clinell Universal Wipes FM 104 Family

Effective against bacteria	Test	Log Reduction	Conditions	Contact Time
<i>Enterococcus hirae</i>	EN 16615	> 5	Dirty	30 seconds
	EN 13727	> 5	Dirty	10 seconds
<i>Pseudomonas aeruginosa</i>	EN 16615	> 5	Dirty	30 seconds
	EN 13727	> 5	Dirty	10 seconds
<i>Staphylococcus aureus</i>	EN 16615	> 5	Dirty	30 seconds
	EN 13727	> 5	Dirty	10 seconds
<i>Acinetobacter baumannii</i> (Carbapenem resistant)	EN 13727	> 5	Dirty	10 seconds
<i>Enterobacter cloacae complex</i> (Carbapenem resistant)	EN 13727	> 5	Dirty	10 seconds
<i>Enterococcus faecium</i> (Vancomycin resistant - VRE)	EN 13727	> 5	Dirty	10 seconds
<i>Escherichia coli k12</i>	EN 13727	> 5	Dirty	10 seconds
<i>Escherichia coli</i> (Carbapenem resistant)	EN 13727	> 5	Dirty	10 seconds
<i>Klebsiella pneumoniae</i> (Carbapenem resistant)	EN 13727	> 5	Dirty	10 seconds
<i>Leptospira interrogans</i>	EN 13727	> 5	Dirty	30 seconds
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	EN 13727	> 5	Dirty	10 seconds
<i>Pseudomonas aeruginosa</i> (Carbapenem resistant)	EN 13727	> 5	Dirty	10 seconds
<i>Salmonella enterica var.</i> <i>typhimurium</i>	EN 13727	> 5	Dirty	10 seconds
<i>Serratia marsescens</i>	EN 13727	> 5	Dirty	10 seconds
<i>Shigella sonnei</i>	EN 13727	> 5	Dirty	10 seconds
<i>Stenotrophomonas maltophilia</i>	EN 13727	> 5	Dirty	30 seconds

Effective against yeast	Test	Log Reduction	Conditions	Contact Time
<i>Candida albicans</i>	EN 16615	> 4	Dirty	30 seconds
	EN 13624	> 4	Dirty	10 seconds
<i>Candida auris</i>	EN 16615	> 4	Dirty	30 seconds
	EN 13624	> 4	Dirty	10 seconds

Effective against viruses	Test	Log Reduction	Conditions	Contact Time
Adenovirus	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Norovirus	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Coronavirus	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Coxsackievirus	EN 14476	> 4	Dirty	2 minutes
Enterovirus	EN 14476	> 4	Dirty	2 minutes
Hepatitis B	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Hepatitis C	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Herpes Simplex Virus (HSV)	EN 14476	> 4	Dirty	30 seconds
Human Immunodeficiency Virus (HIV)	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Influenza	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds

Measles Virus	EN 14476	> 4	Dirty	30 seconds
Mumps Virus	EN 14476	> 4	Dirty	30 seconds
Papillomavirus (HPV)	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Papovavirus (SV40)	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Rotavirus	EN 16777	> 4	Dirty	30 seconds
	EN 14476	> 4	Dirty	30 seconds
Vaccinia virus (all enveloped viruses)	EN 16777	> 4	Dirty	15 seconds
	EN 14476	> 4	Dirty	15 seconds

Effective against mycobacteria	Test	Pass/Fail	Conditions	Contact Time
<i>Mycobacterium bovis</i>	ASTM E2362-15	Pass	Dirty	5 minutes
<i>Mycobacterium bovis</i>	EN 14348	> 4	Dirty	2 minutes
<i>Mycobacterium terrae</i>	EN 14348	> 4	Dirty	60 minutes

Additional Tests	Description
Mouse Embryo Assay (MEA)	Clinell Universal Wipes are safe to use on labware, disposables or any device which may come into contact with gametes or embryos during fertility treatment.
Nucleic Acid Degradation	Clinell Universal Wipes are capable of degrading >99.5% of both DNA and RNA within 30 seconds contact time.