

Clorox® Disinfecting Products Kill Claims and Contact Times

All told, the broad lineup of Clorox® disinfecting products **kills over 150 microorganism strains!** Clorox is committed to helping combat the spread of illness-causing germs — anytime, anywhere*. With aerosols, sprays, wipes and dilutables, as well as a variety of active ingredients, Clorox offers the array of germ-killing products you require for your diverse hard surface disinfection needs.



Effective against	Bleach-Based Disinfecting		Hydrogen Peroxide-Based Disinfecting			Quat-Based Disinfecting			Alcohol-Based Disinfecting	
	CloroxPro™ Germicidal Bleach	Clorox Commercial Solutions® Clean-Up® Disinfectant Cleaner with Bleach ¹ (spray)	Clorox Commercial Solutions® Disinfecting Bio Stain & Odor Remover	Clorox Commercial Solutions® Hydrogen Peroxide Disinfecting Cleaner	Clorox Commercial Solutions® Hydrogen Peroxide Disinfecting Wipes	Clorox Commercial Solutions® 360® Disinfectant Cleaner ¹	Clorox Commercial Solutions® Disinfecting Spray	Clorox Commercial Solutions® Disinfecting Wipes	Clorox® Pro-Quaternary All-Purpose Disinfectant Cleaner ¹	Clorox Commercial Solutions® Clorox® 4 In One Disinfectant & Sanitizer
<i>Acinetobacter baumannii</i>	5 min	30 sec		30 sec	1 min		3 min			5 min
<i>Bordetella bronchiseptica</i>						2 min			10 min	
<i>Bordetella pertussis</i>	5 min	30 sec						4 min		
<i>Burkholderia cepacia</i>							3 min	4 min		
<i>Campylobacter jejuni</i>	5 min			30 sec	1 min	2 min	3 min	4 min		
<i>Clostridium difficile</i> (spores)	3 min									
<i>Corynebacterium ammoniagenes</i>									10 min	
<i>Corynebacterium diphtheriae</i>							3 min			
<i>Enterobacter aerogenes</i>		30 sec		30 sec	30 sec	2 min	3 min	4 min	10 min	5 min
<i>Enterobacter cloacae</i>							3 min		10 min	
<i>Enterococcus faecalis</i>	5 min						3 min		10 min	
<i>Enterococcus faecalis</i> (VRE) (Vancomycin-resistant)	5 min		5 min	30 sec	30 sec		3 min		10 min	5 min
<i>Enterococcus faecium</i> (MDR) (Multidrug-resistant)	5 min	30 sec		30 sec	30 sec			4 min		5 min
<i>Escherichia coli</i>			5 min	30 sec	30 sec		3 min		10 min	
<i>Escherichia coli</i> O157:H7	5 min	30 sec		30 sec	30 sec	2 min	3 min	4 min		
<i>Escherichia coli</i> ESBL	5 min	30 sec		30 sec	30 sec	2 min	3 min	4 min		5 min
<i>Escherichia coli</i> (NDM-1)	5 min			30 sec	30 sec					
<i>Fusobacterium necrophorum</i>									10 min	
<i>Haemophilus influenza</i>	5 min									
<i>Klebsiella oxytoca</i>	5 min			30 sec	30 sec		3 min			
<i>Klebsiella pneumoniae</i>							3 min	4 min	10 min	5 min
<i>Klebsiella pneumoniae</i> ESBL				30 sec	30 sec		3 min			
<i>Klebsiella pneumoniae</i> (CRE) (Carbapenem-resistant)		30 sec		30 sec	30 sec		3 min	4 min		
<i>Klebsiella pneumoniae</i> (MDR) (Multidrug-resistant)	5 min	30 sec		30 sec	30 sec		3 min			5 min
<i>Klebsiella pneumoniae</i> (NDM-1)				30 sec	30 sec	2 min				
<i>Lactobacillus casei subsp rhamnosus</i>									10 min	
<i>Legionella pneumophila</i>	5 min	30 sec				2 min	3 min	4 min		
<i>Listeria monocytogenes</i>	5 min	30 sec					3 min	4 min	10 min	
<i>Mycobacterium tuberculosis</i> (TB)	10 min			4 min	5 min		5 min			
<i>Pasteurella multocida</i>									10 min	
<i>Proteus mirabilis</i>	5 min		5 min				3 min		10 min	
<i>Proteus vulgaris</i>							3 min		10 min	
<i>Pseudomonas aeruginosa</i>	5 min	30 sec	5 min	30 sec	30 sec	2 min	3 min	4 min	10 min	5 min
<i>Pseudomonas fluorescens</i>									10 min	
<i>Pseudomonas putida</i>							3 min			
<i>Pseudomonas tolaasii</i>									10 min	
<i>Salmonella enterica</i>	5 min	30 sec	5 min	30 sec	30 sec	2 min	3 min	4 min	10 min	5 min
<i>Salmonella enteritidis</i>							3 min		10 min	
<i>Salmonella paratyphi B</i>							3 min		10 min	
<i>Salmonella pullorum</i>									10 min	
<i>Salmonella typhi</i>							3 min		10 min	
<i>Salmonella typhimurium</i>									10 min	
<i>Serratia marcescens</i>	5 min						3 min	4 min	10 min	
<i>Shigella dysenteriae</i>	5 min	30 sec					3 min		10 min	
<i>Shigella flexneri</i>		30 sec						4 min	10 min	
<i>Shigella sonnei</i>									10 min	
<i>Staphylococcus aureus</i>	5 min	30 sec	5 min	1 min	1 min	2 min	3 min	4 min	10 min	5 min
<i>Staphylococcus aureus</i> (LRSA) (Linezolid-resistant)		30 sec		1 min	1 min					
<i>Staphylococcus aureus</i> (clinical isolate)									10 min	
<i>Staphylococcus aureus</i> (CA-MRSA) (USA 300)		30 sec		1 min	1 min		3 min		10 min	
<i>Staphylococcus aureus</i> (CA-MRSA) (USA 400)	5 min	30 sec				2 min	3 min		10 min	5 min
<i>Staphylococcus aureus</i> (HA-MRSA) (USA 100) & (USA 200)							3 min			
<i>Staphylococcus aureus</i> (MDR) (Multidrug-resistant)		30 sec								5 min
<i>Staphylococcus aureus</i> (MRSA) (Methicillin-resistant)		30 sec							10 min	
<i>Staphylococcus aureus</i> (MRSA) (Methicillin-resistant) (ATCC 33591)			5 min	1 min	1 min	2 min	3 min			
<i>Staphylococcus aureus</i> (MRSA)(Methicillin-resistant) (ATCC 33592)	5 min			1 min	1 min			4 min		5 min
<i>Staphylococcus aureus</i> (VRSA) (Vancomycin-resistant)		30 sec								
<i>Staphylococcus aureus</i> (VISA) (Vancomycin intermediate-resistant)		30 sec							10 min	
<i>Staphylococcus epidermidis</i>									10 min	
<i>Staphylococcus epidermidis</i> (CoNS)	5 min			1 min					10 min	
<i>Stenotrophomonas maltophilia</i>				30 sec	30 sec		3 min			
<i>Streptococcus pneumoniae</i>	5 min	30 sec					3 min			
<i>Streptococcus pneumoniae</i> Multi-drug resistant						2 min		4 min		
<i>Streptococcus pneumoniae</i> (PRSP) (Penicillin-resistant)	5 min			30 sec	30 sec		3 min			5 min
<i>Streptococcus pyogenes</i>	5 min	30 sec	5 min	30 sec	30 sec		3 min	4 min	10 min	
<i>Xanthomonas maltophilia</i>									10 min	

*Use products as directed on hard, nonporous surfaces.
¹Alcohol is also an active ingredient in Clorox® Disinfecting Spray.

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	Bleach-Based Disinfecting		Hydrogen Peroxide-Based Disinfecting			Quat-Based Disinfecting			Alcohol-Based Disinfecting		
	CloroxPro™ Germicidal Bleach	Clorox Commercial Solutions® Clorox® Clean-Up® Disinfectant Cleaner with Bleach [†] (spray)	Clorox Commercial Solutions® Clorox® Disinfecting Bio-Stain & Odor Remover	Clorox Commercial Solutions® Clorox® Hydrogen Peroxide Disinfecting Cleaner	Clorox Commercial Solutions® Clorox® Hydrogen Peroxide Disinfecting Wipes	Clorox Commercial Solutions® Clorox® 360® Disinfectant Cleaner [‡]	Clorox Commercial Solutions® Clorox® Disinfecting Spray	Clorox Commercial Solutions® Clorox® Disinfecting Wipes	Clorox® Pro-Quaternary All-Purpose Disinfectant Cleaner [‡]	Clorox Commercial Solutions® Clorox® 4 In One Disinfectant & Sanitizer	
Effective against											
Viruses	Adenovirus Type 2	5 min	30 sec				10 min				
	Adenovirus Type 14						10 min				
	Avian Influenza A H7N9		30 sec					15 sec			
	Avian Influenza A H5N1				30 sec	1 min	30 sec		15 sec		
	Avian Influenza A H3N2		30 sec					15 sec			
	Avian Influenza A Virus	5 min	30 sec					30 sec	15 sec	10 min	
	Bovine Rhinotracheitis									10 min	
	Canine Distemper Virus		30 sec	10 min			5 min		15 sec	10 min	
	Canine Parvovirus	10 min	30 sec				2 min				
	Coxsackie Type B3 Virus		30 sec				5 min	10 min		5 min	
	Cytomegalovirus	5 min			30 sec	30 sec	2 min	30 sec	15 sec		
	Ebola Virus								20 sec		
	Echovirus Type 12							10 min			
	Enterovirus D68	5 min	30 sec	5 min							
	Feline Leukemia									10 min	
	Feline Panleukopenia Virus	10 min	30 sec								
	Feline Picornavirus									10 min	
	Hantavirus		30 sec					30 sec			
	Hepatitis A Virus (HAV)	5 min	30 sec					10 min		5 min	
	Hepatitis B Virus (HBV) (via Duck Hepatitis)	5 min*	30 sec*	1 min*	30 sec*	30 sec*	1 min	30 sec*	15 sec	10 min	1 min*
	Hepatitis C Virus (HCV) (via Bovine Viral Diarrhea Virus)	5 min*	30 sec*	1 min*	30 sec*	30 sec*	1 min	30 sec*	15 sec	10 min*	
	Herpes Simplex Virus (HSV-1)		30 sec		30 sec	30 sec		30 sec	15 sec	10 min	5 min
	Herpes Simplex Virus (HSV-2)	5 min	30 sec	30 sec	30 sec	30 sec		30 sec	15 sec	10 min	
	Human Coronavirus	5 min	30 sec		30 sec	30 sec	2 min	30 sec	15 sec	10 min	
	Human Immunodeficiency Virus Type 1 (HIV-1)	5 min	2 min	30 sec	30 sec	30 sec	30 sec	30 sec	15 sec	10 min	1 min
	Human Immunodeficiency Virus Type 2 (HIV-2)									10 min	
	Influenza A H1N1	5 min		30 sec	30 sec	30 sec		30 sec	15 sec	10 min	
	Influenza A Virus	5 min	30 sec		30 sec	30 sec	2 min				5 min
	Influenza A (Hong Kong)		30 sec	30 sec					15 sec	10 min	
	Influenza Virus Type B	5 min	30 sec		30 sec	30 sec		30 sec	15 sec		
	Measles Virus	5 min	30 sec				2 min		15 sec		
	MERS - Coronavirus (Middle East Respiratory Syndrome Coronavirus)								15 sec		
	Mumps Virus						2 min		15 sec		
	Newcastle Disease Virus								15 sec		
	Murine Norovirus	5 min									
	Norovirus (via Feline Calicivirus)	5 min*	1 min*	5 min	1 min*	3 min*	2 min*	10 min*			
	Parainfluenza Type 1		30 sec								
	Parainfluenza Type 3	5 min	30 sec						15 sec		
	Paramyxovirus									10 min	
	Poliovirus Type 1 (Mahoney)	5 min	1 min					10 min			
	Porcine Respiratory & Reproductive Syndrome Virus									10 min	
	Pseudorabies Virus									10 min	
	Rabies Virus									10 min	
	Respiratory Syncytial Virus (RSV)	5 min	30 sec		30 sec	30 sec	2 min	30 sec	15 sec		5 min
	Rhinovirus	5 min	30 sec	5 min	1 min	1 min	2 min	30 sec			5 min
Rotavirus	5 min	30 sec		1 min	1 min	1 min	10 min	4 min	10 min	5 min	
Rubella Virus	5 min					2 min					
SARS-associated Coronavirus	5 min	30 sec					10 min	15 sec	10 min		
Vaccinia Virus									10 min		
Varicella-Zoster Virus	5 min										
Fungi	<i>Aspergillus brasiliensis</i> (formerly <i>A. niger</i>)	5 min	30 sec								
	<i>Candida albicans</i>	5 min	30 sec		3 min	5 min	1 min	4 min	10 min		
	<i>Candida glabrata</i>						1 min				
	<i>Trichophyton mentagrophytes</i> (athlete's foot fungus)	5 min	30 sec		3 min	5 min	1 min	1 min	10 min	5 min	
TOTAL CLAIMS REGISTERED[†]:	72 claims	58 claims	18 claims	43 claims	42 claims	38 claims	64 claims	40 claims	76 claims	24 claims	

* Obtained via surrogate
 † Alcohol is also an active ingredient in Clorox® Disinfecting Spray.
 ‡ Not all shown here
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