

A summary of the Viral efficacy of Antec Virkon S (updated Dec 2012)

Family	Genera	Organism	Ref. No	Strain( where stated)	Country	Comments	Dilution	
Adenoviridae	Aviadenovirus	Adenovirus	89	AFNOR T 72 - 180	France		1:100	
	Aviadenovirus	Adenovirus ana1	12	Strain EDS 127	England	VLA	1:100	
	Aviadenovirus	Adenovirus ana2	71	ATCC VR-921 (Duck)	USA	EPA DIS/TSS-7	1:100	
	Mastadenovirus	ICH virus	49	Purdue strain	USA		1:100	
	Mastadenovirus	Bovine adenovirus type 4	143	ATCC VR-640	USA	EPA	1:100	
	Mastadenovirus	ICH virus	171	ATCC VR800	USA	EPA	1:100	
Arenaviridae	Arenavirus	Lassa fever virus	19	VLA	England	VLA	1:200	
Arteriviridae	Arterivirus	Lelystad virus	81	VLA	England	UK Yeast Method	1:700	
	Arterivirus	Equine arteritis virus	10	Bucyrus strain	England	VLA	1:350	
	Arterivirus	Equine arteritis virus	71	ATCC VR-796	USA	DIS/TSS-7	1:100	
	Arterivirus	Porcine Respiratory & Reproductive S	208	NVSL strain	USA	EPA	1:250	
	Arterivirus	Porcine Respiratory & Reproductive S	208	NVSL strain	USA	EPA	1:500	
Astroviridae	Astrovirus	PEMS associated astrovirus	184	not specified	USA	University of Georgia own method	1:67	
Baculoviridae	Baculovirus	White spotted red baculovirus	181	White spotted red virus	Thailand	Prince of Songkla University, own method	9ppm	
Birnaviridae	Birnavirus	IBD virus	44	Strain DV86	England		1:250	
		IBD virus	111		USA	Inanimate surface assay	1:100	
		IBD virus	154		USA	5% blood serum	1:100	
		IBD virus	177		Canada	contaminated wood surface	1:100	
		IBD virus	193	K strain	Japan	5% FCS	1:1000	
		Infectious pancreatic necrosis	66		Norway	Clean & Dirty Conditions	1:100	
	Infectious pancreatic necrosis	217	prEN14675	UK	30mins 4 C	1:200		
Bunyaviridae	Phlebovirus	Rift valley fever virus	18		England	VLA	1:400	
Caliciviridae	Calicivirus	Feline calici virus	138	ATCC VR782	USA	USA EPA Approval	1:100	
Circoviridae	Circovirus	Chicken anaemia virus	134	Cux 1	England	DEFRA test method	1:250	
	Circovirus	Porcine circovirus Type 2	185	ISU 31	USA	Iowa State University own meth	1:100	
	Circovirus	Porcine circovirus Type 2	200		USA	USA EPA Approval	1:200	
Coronaviridae	Coronavirus	Infectious Bronchitis Virus	131	AOAC standard	USA	Virucidal Spray Test	1:100	
	Coronavirus	TGE Virus	8	Strain FS216/63	England		1:450	
	Coronavirus	TGE Virus	71	ATCC VR-763	USA	USA EPA Approval	1:100	
	Coronavirus	Feline infectious Peritonitis	172	ATCC VR2202	USA	USA EPA Approval	1:100	
	Coronavirus	Canine Coronavirus	175	ATCC VR-809	USA	USA EPA Approval	1:100	
Flaviviridae	Hepacivirus	Hepatitis C virus	203	(BVDV) (MDBK) ATCC CCL-22	USA	USA EPA Approval	1:100	
		Hepatitis C virus	204	(BVDV) (MDBK) ATCC CCL-22	USA	USA EPA Approval	1:100	
		Pestivirus	Bovine viral diarrhoea virus	71	ATCC VR 534	USA	EPA DIS/TSS-7	1:100
		Pestivirus	Bovine viral diarrhoea virus	193		Japan	5% FCS	1:500
		Pestivirus	Bovine viral diarrhoea virus	193	Nose strain	Japan	5% FCS	1:1000
		Pestivirus	Classical Swine Fever Virus	170		England	UK yeast method	1:150
Hepadnaviridae	Hepadnavirus	Hepatitis B virus	206	(DHBV) Hepadna Virus testing	USA	USA EPA Approval	1:100	
	Hepadnavirus	Hepatitis B virus	207	(DHBV) Hepadna Virus testing	USA	USA EPA Approval	1:100	

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Herpesviridae	alpha	Equid herpes virus 3	112	Type 3 (alpha)	USA	Inanimate Surface Assay	1:100
	alpha	Equid herpes virus 1	123	Type 1 (alpha)	USA		1:100
	alpha	Bovid herpesvirus 1	9	Oxford strain	England		1:600
	alpha	Bovid herpesvirus 2	71	ATCC VR-188	USA	EPA DIS/TSS-7	1:100
	alpha	Suid herpes virus 1	34		N Zealand		1:200
	alpha	Suid herpes virus 2	71	ATCC VR-135	USA	EPA DIS/TSS-8	1:100
	alpha	Felid herpes virus 1	137	ATCC VR636	USA	USA EPA Approval	1:100
	gamma	Gallid herpes virus 2	71	ATCC VR-584 C (TRT)	USA	EPA DIS/TSS-7	1:100
	gamma	Gallid herpes virus 2	69		England	MAFF method, 5% yeast	1:200
	gamma	Gallid herpes virus 1	155		USA	EPA	1:100
	gamma	Gallid herpes virus 1	243	Strain LT-IVAX	USA	EPA method	1:200
Iridoviridae	species specific	ASF virus	183	ASF virus isolate LIL	England	UK DEFRA method	1:800
Orthomyxoviridae	type A	Avian influenza virus	11	H7N1	England	VLA	1:320
				* claims made vs AI virus are only valid within the scope of the DEFRA Diseases of Poultry Order and the Avian Influenza and Influenza of Avian Origin in Mammals Order			
	type A	Avian influenza virus*	1		England	UK DEFRA Approval	1:280
	type A	Avian influenza virus	156		USA	5% blood serum	1:100
	type A	Equine influenza virus	128	ATCC VR-2070	USA	EPA DIS/TSS-7	1:100
	type A	Avian influenza virus	218	A/Goose/Guangdong/1/96 (H5N1)	China	H5N1 strain	1:800
	type A	Avian influenza virus	218	A/Turkey/Wisconsin/1/66 (H9N2)	China	H9N2 strain	1:1000
	ISA virus	Infectious salmon anemia virus	187		Canada		1:200
	ISA virus	Infectious salmon anemia virus	188		Canada		1:100
	type A	avian influenza virus	226		Thailand	H5N1	1:500
type A	swine influenza A	225		USA	H1N1 strain ATCC VR-333	1:100	
Papovaviridae	Papilloma viruses	Bovine polyoma virus	2		England	VLA	1:100
	Papilloma viruses	SV40 Virus (simian)	110	ATCC VR-305	USA	Inanimate surface assay	1:100
Paramyxoviridae	Avian paramyxovirus	Avian paramyxovirus 1	1		England	UK DEFRA Approval	1:280
	Avian paramyxovirus	Avian paramyxovirus 1	153		USA	5% horse serum	1:100
	Avian paramyxovirus	Avian paramyxovirus 1	177		Canada	contaminated wood	1:100
		Parainfluenza virus	71	ATCC VR-281	USA	EPA DIS/TSS-7	1:100
	Paramyxovirus	canine parainfluenza	173	ATCC VR666	USA	USA EPA Approval	1:100
	Paramyxovirus	Newcastle Disease Virus	193	B1 strain	Japan	5% FCS	1:500
	Paramyxovirus	Newcastle Disease Virus	218	F48E9 strain	China	laboratory own	1:1500
	Pneumovirus	TRT virus	15	Strain CVL14/1CEP(4)	England	VLA	1:200
Parvoviridae	Parvovirus	Canine parvovirus	34	attenuated strain	N Zealand	laboratory own	1:50
		Canine parvovirus	49	Cornell strain	USA	EPA DIS/TSS-7	1:100
		Parvovirus	71	ATCC VR-742	USA	EPA DIS/TSS-7	1:100
		Feline parvovirus	136	ATCC VR648	USA	EPA DIS/TSS-8	1:100
		Canine parvovirus	174	ATCC VR2017	USA	USA EPA Approval	1:100
		Aleutian Disease Virus	178		Holland	Immune complex formation	1:50
		Mouse parvovirus	199	ATCC VR-1346	USA	Strain prototype	1:100

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Picornaviridae	Aphovirus	Foot and mouth disease virus	1		England	UK DEFRA approval	1:1300
	Enterovirus	Swine enterovirus	1		England	UK DEFRA approval	1:100
	Enterovirus	Porcine enterovirus 1	***	*** report missing	France	AFNOR	1:100
	Enterovirus	Polio virus	89	Sabin strain	France	AFNOR T 72 - 180	1:100
	Aphovirus	Foot and mouth disease virus	193	0/JPN/2000 strain	Japan		1:2000
	Enterovirus	ECBO virus	223	ATCC VR-248	Germany	EN14675	1:100 / 1:33
	Enterovirus	Hepatitis A virus	205	(HAV) FRhK-4 cells	USA	USA EPA Approval	1:100
	Aphovirus	Foot and mouth disease virus	240	01 BFS 1860/ 67	UK	IAH / DEFRA test method with 1% FBS	1:1800
Poxviridae	Parapox virus	Bovine pseudocowpox virus	3		England	VLA	1:300
	Avipox	Avian Poxvirus	177		Canada	Contaminated wood	1:100
	Orthopox virus	orthopox virus( vaccine strain ), Vaccinia	89		France	AFNOR T72 -180	1:100
Reoviridae	Reovirus	Avian reovirus	20		England		1:200
	Reovirus	Avian reovirus	177		Canada	contaminated wood surface	1:100
	Rotavirus	Rotavirus	87	5A-II	Russia	Monkey strain	1:250
	Rotavirus	Rotavirus	87	Human strain	Russia		1:200
	Rotavirus	Calf rotavirus	71	ATCC VR 452	USA	EPA DIS/TSS-7	1:100
Retroviridae	Lentivirus	HIV	127	Type 1	USA	Inanimate Surface Assay	1:100
	Lentivirus	Maedi and visna virus	6	K184 strain	England		1:1400
	Oncovirus	Avian leucosis virus	176	Strain J	England	UK Yeast Method	1:200
Rhabdoviridae	lyssavirus	Rabies virus	16	CBS Strain	England	VLA	1:600
	novirhabdovirus	Snakehead rhabdovirus	80	Strain 19	Scotland	laboratory own	1:500 & 1:1000
	novirhabdovirus	Snakehead rhabdovirus	80	Ban Pako strain	Scotland	laboratory own	1:500 & 1:1000
Roniviridae	Okavirus	Yellow head virus	181		Thailand	Prince of Songkla University, own method	3ppm