

Article		Inoculum				Animal		
Reference	Year	Strain	Origin	Dose	Volume	Sex	Age	Breed
de Vries	2017	Campylob	Human	5×10^9	NA	NA	1 day	NA
Moxley	2017	E. coli	Laborator	3×10^9	NA	NA	22-24 h	NA
Chirullo	2015	Salmonell	Laborator	10^9	20 mL	NA	30 days	Hybrid
Kronstein	2013	Helicobac	Laborator	1×10^8	100 ml	NA	3 weeks	NA
Vandenbr	2011	Salmonell	NA	4×10^8	1 mL	NA	5 weeks	NA
Cilieborg	2010	Lactobaci	Laborator	$3 \times 10^9/3$	2 mL/3 ho	NA	New born	Large whi
Jeong	2010	Shigella d	Human	5×10^9	3 mL	NA	1-3 days	NA
Shirkey	2006	E.coli + L	Pig	$10^9 + 10$	6 mL	NA	24-30 h	Large whi
Metcalf	2000	Salmonell	Human	1×10^{10}	1 mL	F	4 weeks	Crossbred
Maurelli	1998	Shigella d	NA	1×10^{11}	100 mL or	NA	2 + 9 wee	Crossbred
Krakowka	1998	Helicobac	Pig	NA	NA	NA	2-3 days	NA
Baker	1997	E. coli	Human	3×10^9	NA	NA	1 day	NA
Trott	1996	Serpulina	Pig + hum	$10^{10}/\text{day}$	NA	NA	5 weeks	NA
Babakhan	1993	Campylob	Human	$1-7 \times 10^8$	40 mL	NA	New born	NA
Bertram	1991	Helicobac	NA	10^8	2 mL	NA	4-5 days	NA
Engstrand	1990	Helicobac	Human	$10^7 - 10^8$	NA	NA	8 weeks	Landrace
Vitovec	1989	Campylob	Pig	4×10^7	NA	NA	1 day	Large whi
Boosinger	1988	Campylob	Human	5.8×10^6	10 mL	NA	3 days	Mixed bre
Krakowka	1987	Campylob	NA	10^9	2 mL	NA	4-5 days	Yorkshire
Tzipori	1986	E. coli	Human	10^{10}	NA	NA	1 day	NA
Tzipori	1985	E. coli	Human	$10^8 - 2 \times$	NA	NA	1-2 days	NA
Moon	1983	E. coli	Human+R	NA	10 mL	NA	1-9 days o	NA

	Inoculation			Infection - alive				
n	Route	Anaesthesia	Surgery	Time from	Pain management	Monitoring	Monitoring	Sepsis
NA	PO	no	no	5 days	no	Rectal swab	Clinical signs	NA
45	PO	no	no	192 h	no	no	Blood analysis	NA
14	Intragastric	no	no	2 days	no	no	Blood + fecal	NA
34	Orogastric	no	no	51-59 days	no	no	Blood analysis	NA
2	Intraintestinal	yes	yes	6 h	Opioid	no	no	NA
14	Orogastric	no	no	5 days	no	no	Clinical signs	NA
66	PO	no	no	8 h - 8 days	no	Rectal swab	Clinical signs	NA
4	PO	no	no	13 days	no	Rectal swab	no	NA
6	Intranasal	no	no	3 weeks	no	Rectal swab	Clinical signs	NA
6	PO or gavage	no	no	Up to 2 weeks	no	Rectal swab	Clinical signs	NA
NA	PO	no	no	Up to 17 days	no	no	Serological	NA
88	NA	no	no	8 days	no	no	Clinical signs	NA
22	Intragastric	no	no	11 days	no	Rectal swab	Clinical signs	NA
10	PO	no	no	3-6 days	no	Rectal swab	Clinical signs	NA
19	PO	no	no	21-45 days	no	no	no	NA
17	Intragastric	no	no	12 weeks	no	Endoscopy	Blood analysis	NA
17	Intragastric	no	no	1-5 days	no	Rectal swab	Clinical signs	NA
12	PO	no	no	Up to 12 days	no	Rectal swab	Clinical signs	NA
17	PO	no	no	1-4 weeks	no	Fecal swab	Clinical signs	NA
18	PO	no	no	3-5 days	no	no	Clinical signs	NA
36	PO	no	no	24-48 h	no	no	Clinical signs	NA
24	PO or gavage	no	no	2-3 days	no	no	Clinical signs	NA

Post mortem				Citations		Housing		
Full autopsy	Local inflammation	Systemic inflammation	Microbiology	With self-	Without self-	Individual	Group size	use of isolation
no	Histology	no	IHC+cult	1	1	no	no	yes
yes	Histology	Histology	Cultivation	NA	NA	I	1	yes
yes	Histology	Flow cym	Cultivation	4	2	G	2 and 6	yes
yes	Gross lesi	Isolation c	Cultivation	13	10	no	no	no
no	no	no	PCR + mi	NA	NA	no	no	no
no	Gross lesi	no	FISH + qP	32	23	I	1	no
no	Histology	no	IHC+cult	25	21	no	no	yes
no	Histology	no	qPCR	72	60	no	no	yes
yes	Histology	Histology	Cultivation	13	13	no	no	no
yes	Histology	Histology	IHC	6	5	no	no	no
no	Gross lesi	no	Cultivation	14	11	no	no	yes
yes	Gross lesi	Gross lesi	Cultivation	NA	NA	no	no	no
no	Gross lesi	no	Cultivation	72	46	G	no	no
yes	Gross lesi	Gross lesi	Cultivation	NA	NA	no	no	yes
no	Histology	no	Cultivation	23	16	I	1	yes
no	no	no	no	51	45	no	no	yes
yes	Histology	Histology	Special sta	5	5	no	no	yes
no	Gross lesi	Lymphnod	Cultivation	19	19	no	no	yes
no	Gross lesi	no	Special sta	202	176	G	6	yes
yes	Histology	Histology	Cultivation	NA	NA	no	no	no
no	Histology	no	Cultivation	62	54	G	4	no
no	Histology	no	Special sta	NA	NA	no	no	no

				Statistics
Acclimation	Diet details	Housing conditions	Immune status	Power-analysis
no	yes	no	gnotobiotic	no
no	yes	no	gnotobiotic	no
no	no	no	no	no
no	no	no	no	no
no	no	no	no	no
no	no	no	no	no
no	no	no	no	no
no	yes	yes	gnotobiotic	no
yes	no	no	no	no
yes	yes	yes	no	no
no	yes	no	gnotobiotic	no
no	no	no	gnotobiotic	no
no	yes	no	no	no
no	yes	no	colostrum-free	no
no	no	no	colostrum-free	no
no	no	no	SPF	no
no	no	no	colostrum-free	no
no	no	no	gnotobiotic	no
no	yes	no	gnotobiotic	no
no	no	no	gnotobiotic	no
no	yes	no	gnotobiotic	no
no	no	no	gnotobiotic	no