

Table S3. Raw data used for the meta-analysis and to calculate the prevalence of diseases in calves without failure of passive transfer

# of calves	Definition of FPT ¹		Prev ³	Risk (95% CI) for diseases in the case of FPT ¹						Covariates		References
	Control (g/l)	FPT (g/l)		Disease	Period	Prev ³	Risk	Value	95%CI	U/M ⁴	Breed ⁵	
175	IgG ≥ 5	IgG < 5	60	BRD, FD ⁶	0-15	14	RR	1,44	0,94-2,19	U	D	[11]
175	IgG ≥ 10	IgG < 10	60	BRD, FD ⁶	0-15	14	OR	5,79	4,35-7,69	U	D	[11]
325	IgG ≥ 8	IgG < 8	27	BRD, FD ⁶	0-120	39	OR	1,205	0,69-2,53	U	D	[12]
325	IgG ≥ 8	IgG < 8	27	BRD, FD ⁶	0-120	27	OR	2,44	1,38-4,3	U	D	[12]
375	IgG ≥ 12	IgG < 12	na	BRD, CD ⁶	0-90	na	OR	1,9	1,1-3,2	M ¹²	D	[13]
161	IgG ≥ 12	IgG < 12	na	BRD, CD ⁶	0-90	na	OR	2,3	1,1-4,9	U	D	[13]
161	IgG ≥ 10	IgG < 10	na	BRD, CD ⁶	0-90	na	OR	2,1	1,0-4,4	U	D	[13]
161	IgG ≥ 8	IgG < 8	na	BRD, CD ⁶	0-90	na	OR	2,2	1,0-4,8	U	D	[13]
3300	TP ≥ 50	TP < 50	na	BRD, FD ^{6,9}	0-180	21	OR	1,27		U	D	[4]
3300	TP ≥ 50	TP < 50	na	BRD, FD ^{6,10}	0-180	21	OR	2,54		U	D	[4]
2874	TP ≥ 57	TP < 57	11	BRD, FD ⁶	0-90	22	OR	1,6	1,3-2,0	M ¹³	D	[14]
263	IgG ≥ 16	IgG < 16	31	BRD, FD ⁶	0-162	47	RR	1,72	0,39-7,5	U	C	[6]
263	IgG ≥ 8	IgG < 8	25	BRD, FD ⁶	0-162	47	RR	2,54	0,58-11,02	U	C	[6]
263	TP ≥ 48	TP < 48	19	BRD, FD ⁶	0-162	47	RR	3,1	1,5-6,5	M ¹⁴	C	[6]
175	IgG ≥ 5	IgG < 5	60	Dia ⁷	0-160	36	RR	1,27	0,469-1,74	U	C	[11]
175	IgG ≥ 10	IgG < 10	60	Dia ⁷	0-160	36	RR	1,32	0,978-1,78	U		[11]
175	IgG ≥ 15	IgG < 15	60	Dia ⁷	0-160	36	RR	1,22	0,84-1,76	U		[11]
156	IgG ≥ 10	IgG ≤ 3.5	19	Dia-days, SD ^{7,11}	0-28	9	RR	2,88	2,22-3,71 ¹⁸	M		[9]
221	IgG ≥ 10	IgG = 3.5-10	62	Dia-days, SD ⁷ : SD ^{7,11}	0-28	9	RR	1,85	1,5-2,8 ¹⁸	M		[9]
263	IgG ≥ 16	IgG ≤ 8	22	all diseases	0-28	10	OR	6,4	0,4-10,7	M ¹⁵	C	[6]
263	IgG ≥ 16	IgG = 8-16	11	all diseases	0-28	10	OR	2,1	2,6-15,7	M ¹⁵	C	[6]
263	IgG ≥ 16	IgG ≤ 8	22	all diseases	0-163	20	OR	3,2	1,6-6,4	M ¹⁵	C	[6]
263	IgG ≥ 16	IgG = 8-16	11	all diseases	0-163	20	OR	3,6	1,3-10	M ¹⁵	C	[6]
1556	IgG ≥ 16	IgG ≤ 8	14	all diseases	0-200	12	RR	2,24	1,52-3,29	M ¹⁶	D	[7]
1556	IgG ≥ 16	IgG = 8-16	55	all diseases	0-200	12	RR	1,38	0,80-2,39	M ¹⁶	D	[7]
601	IgG ≥ 16	IgG ≤ 16	16	BRD, Dia, Omp ⁸	0-90	18	OR	1,51	1,06-2,16	M ¹⁷	D	[5]
147	IgG ≥ 10	IgG ≤ 10	55	BRD, Dia	0-56	61	RR	1,33	1,035-1,708	U	B	[8]

Na: not available. 1: Failure of passive transfer; 2: these animals are used as reference (no FPT) to calculate the OR. When not specified, they are the opposite of the definition of FPT; 3: Prevalence; 4 U=univariate model; M=multivariate model; 5: D=dairy; B=Beef; C: Crossed or undetermined. 6: Bovine respiratory diseases, diagnosed by farmer (FD), clinician (CD) or study personnel (SD). 7: Diarrhoea, or diarrhoea-days, diagnosed by study personnel (SD). 8: Omphalitis. 9: Winter, 2 days of treatment; 10: Summer, 2 days of treatment; 11: Definition of diarrhoea: watery and/or bloody faeces; 12: Covariates were Saison, Housing with adults and mastitis on cow; 13: Covariates were Saison, vaccine, previous disease and navel disinfection; 14: Covariate was sex; 15: Covariate was twin; 16: Covariates were year, pre-weaning, dameline, sireline and year; 17: Covariate was selenium status; 18: 90% CI.

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