Summary of publications involving experiments with aerosol transmission of PRRSV.

Distance	Exposure[1]	Result[2]	Conditions[3]	Reference
0.46m	29 days	+	E	(4)
1m	up to 35days	+	S	(3)
1m	7 days	+/-	S	(15)
1m	28-35 days	++	S	(5)
1m	72hrs	-	E	(6)
1m	28 days	-	S	(8)
1.02m	29 days	+	E	(4)
1.3m	7 hrs	+	S	(10)
1.3m	6 hrs	+	S	(11)
2.5m	21 days	+/-	F	(6)
2.5m	21 days	+/-	F	(7)
2.5m	14 days	+/-	F	(8)
6m	28 days	-	S	(8)
15m	7 days	-	S	(7)
30m	72hrs	-	E	(6)
120m	up to 14 days	+	F	(13)
150m	3 hrs	+	S	(9)
Up to 3km	NA	+/-	F	(1)
Up to 4.7km	NA	+	E[4]	(12)
Up to 9.1km	NA	+	E[4]	(14)
Up to 33km	NA	+/-	EP	(2)

[1] Amount of time pigs were exposed to PRRSV-contaminated aerosols.

[2] Key: ++, Aerosol spread in all experiments; +, Aerosol spread in some experiments: +/-, Aerosol spread reported as one of the possible routes of transmission : -, No aerosol spread.

[3] Key: E-Experimental conditions (conditions not seen in the field); S-Specific experimental conditions optimized for aerosol transmission; F-Field conditions (Field study or conditions similar to those seen in the field); EP-Epidemiological study.

[4] PRRSV was detected in samples only, there was no infection of pigs.

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