



# SwiftDx

## Mycoplasma Detection Kit

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### Stop mycoplasma contamination in its tracks!

	Commonly tested for Mycoplasma sp.	<i>in silico</i> analysis	Experimental confirmation
Essential species to detect, according to FDA <sup>1</sup> and EMA guidelines <sup>2</sup>	<i>Acholeplasma laidlawii</i>	✓	
	<i>Mycoplasma hyorhinis</i>	✓	✓
	<i>Mycoplasma orale</i>	✓	
	<i>Mycoplasma synoviae</i>	✓	
	<i>Mycoplasma fermentans</i>	✓	
<b>Mycoplasma species list</b>	<i>Mycoplasma pneumoniae</i>	✓	
	<i>Mycoplasma gallisepticum</i>	✓	
	<i>Mycoplasma pirum</i>	✓	
	<i>Mycoplasma mycoides</i>	✓	
	<i>Mycoplasma salivarium</i>	✓	
	<i>Mycoplasma arginini</i>	✓	
	<i>Mycoplasma hominis</i>	✓	

#### Mycoplasma species list

During validation of the SwiftDx Mycoplasma Detection Kit we have determined the ability of the assay to detect various common circulating mycoplasma species. The test relies on highly conserved 16S rRNA coding region in the mycoplasma genome and we have conducted *in silico* analysis on the species listed. This analysis provides a very high level of confidence that all required species can be accurately detected.

We have conducted a full experimental confirmation for *mycoplasma hyorhinis*. We have an ongoing a post launch programme to expand the list of species confirmed by experiment. If you have a specific requirement or would like any additional information please email [myco@swiftDX.co.uk](mailto:myco@swiftDX.co.uk).

<sup>1</sup><https://www.fda.gov/media/78428/download>

<sup>2</sup>[https://www.ema.europa.eu/documents/scientific-guideline/international-cooperation-harmonisation-technical-requirements-registration-veterinary-medicinal\\_en.pdf](https://www.ema.europa.eu/documents/scientific-guideline/international-cooperation-harmonisation-technical-requirements-registration-veterinary-medicinal_en.pdf)

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