

Mycoplasma DNA Detection Kit (qPCR)-ZY002

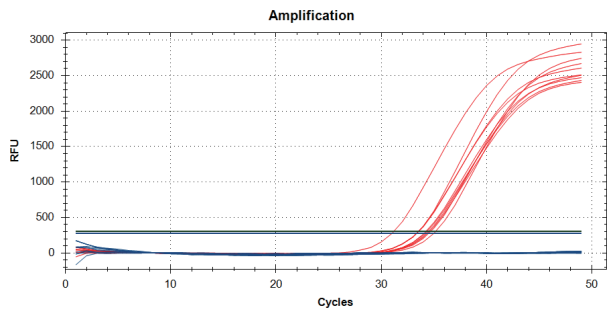
Overview

Cat.No. HG-ZY002

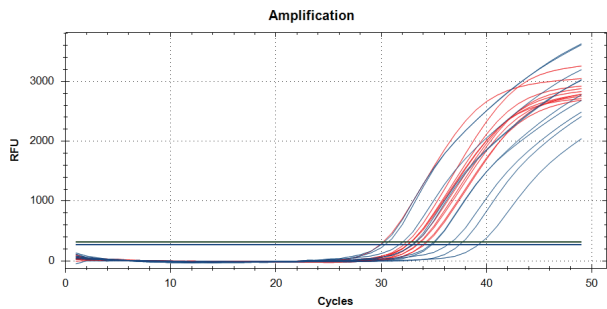
The kit is used to qualitatively detect the presence of mycoplasma contamination in master cell banks, working cell banks, virus seed lots, control cells, and cells for clinical therapy. The kit uses qPCR-fluorescent probe technology to verify with reference to mycoplasma detection-related requirements in EP2.6.7 and JPXVII. It can cover more than 100 mycoplasmas and has no cross reaction with closely related strains. The detection is rapid which can be completed within 2 hours, with strong specificity.

Specification

50 Reactions.



Negative



Positive



Datasheet

	FAM(CT Value)		HEX(CT Value)	
	Negative	Positive	Negative	Positive
1	NA	32.65	33.26	32.48
2	NA	34.26	32.29	33.23
3	NA	35.32	35.46	34.67
4	NA	31.51	34.79	31.68
5	NA	30.54	35.25	35.91
6	NA	34.97	33.57	34.20
7	NA	34.32	34.35	33.26
8	NA	38.45	35.87	35.54
9	NA	33.67	33.24	33.12
10	NA	37.41	33.41	32.24

Results of 10 mycoplasma standards				Results of 3 relevant bacteria		
Strain	Positive/Total	Strain	Positive/Total	L.acidophilus	S.pneumoniae	Clos. acetobutyleum
M. orale	24/24	M. synoviae	24/24	Negative	Negative	Negative
M. gallisepticum	23/24	M. arginini	23/24			
A. laidlawii	24/24	M. hyorhinis	24/24			
M. fermentans	23/24	Spiroplasma citri	24/24			
M. pneumonia	24/24	M. salivarium	24/24			