

## XpressMyco PCR Detection Kit

Catalog No.: XMYC3-50

### List of *Mollicute* Strains Detected

About a quarter of all animal cell cultures are contaminated with Mycoplasma/Mollicutes. The most commonly found strains in cell cultures with a total probability of 94% are: *M. fermentans* (47%), *M. hyorhinae* (19%), *M. orale* (10%), *M. arginini* (9%), *A. laidlawii* (6%) and *M. hominis* (3%). In addition, the following strains were found with lower probability: *M. bovis*, *M. pneumoniae*, *M. salivarium* and *M. synoviae*. All of these Mollicutes strains are detected by the Mycoplasma PCR Detection Kit, in addition to a variety of other strains. The verification of the primer specificity was carried out by BLAST analysis.

<b>Mycoplasma</b>			
<i>M. agalactiae</i>	<i>M. crocodyli</i>	<i>M. lacerti</i>	<i>M. pirum</i>
<i>M. alligatoris</i>	<i>M. cynos</i>	<i>M. lagogenitalium</i>	<i>M. pneumoniae</i>
<i>M. alvi</i>	<i>M. dispar</i>	<i>M. microti</i>	<i>M. pulmonis</i>
<i>M. amphoriforme</i>	<i>M. edwardii</i>	<i>M. moatsii</i>	<i>M. salivarium</i>
<i>M. arginini</i>	<i>M. felis</i>	<i>M. molare</i>	<i>M. sualvi</i>
<i>M. bovigenitalium</i>	<i>M. fermentans</i>	<i>M. mucosicanis</i>	<i>M. synoviae</i>
<i>M. buccale</i>	<i>M. gallisepticum</i>	<i>M. muris</i>	<i>M. testudineum</i>
<i>M. canadense</i>	<i>M. genitalium</i>	<i>M. mustelae</i>	<i>M. testudinis</i>
<i>M. canis</i>	<i>M. hominis</i>	<i>M. mycoides</i>	<i>M. verecundum</i>
<i>M. capricolum</i>	<i>M. hypopneumoniae</i>	<i>M. orale</i>	<i>M. volis</i>
<i>M. citelli</i>	<i>M. hyorhinae</i>	<i>M. oxoniensis</i>	<i>M. yeatsii</i>
<i>M. columborale</i>	<i>M. hyosynoviae</i>	<i>M. penetrans</i>	<i>M. zalophi</i>
<i>M. conjunctivae</i>	<i>M. imitans</i>	<i>M. phoacae</i>	<i>M. zalophidermidis</i>
<i>M. cricetuli</i>	<i>M. iowae</i>	<i>M. phocicerebrale</i>	
<b>Ureaplasma</b>			
<i>U. cangenitalium</i>	<i>U. gallorale</i>	<i>U. urealyticum</i>	
<i>U. diversum</i>	<i>U. parvum</i>		
<b>Mesoplasma</b>			
<i>M. chaulicola</i>	<i>M. florum</i>	<i>M. photuris</i>	<i>M. tabanidae</i>
<i>M. entomophilium</i>	<i>M. grammopterae</i>	<i>M. syrphidae</i>	
<b>Spiroplasma</b>			
<i>S. cantharicola</i>	<i>S. lineolae</i>	<i>S. taiwanense</i>	
<i>S. citri</i>	<i>S. platyhelix</i>		
<b>Acholeplasma</b>			
<i>A. laidlawii</i>			