

XpressMyco Master PCR Detection Kit

Catalog No.: XMYC2-25, XMYC2-50

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 XpressMyco PCR Master detection kit, in addition to a variety of other strains. The verification of the primer specificity was carried out by BLAST analysis.

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



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