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|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|
|           | 12, 39, 66 | 13, 40, 67 | 14, 41, 68 | 15, 42, 69 | 16, 43, 70 | 17, 44, 71 | 18, 45, 72 | 19, 46, 73 | 20, 47, 74 | 21, 48, 75 | 22, 49, 76 | 23, 50, 77 | 24, 51, 78 | 25, 52, 79 | 26, 53, 80 | 27, 54, 81 |  |  |  |  |  |  |  |  |  |  |  |  |
| MB1       | 97         | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB2       | 98         | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB3       | 99         | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB4       | 100        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB5       | 101        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB6       | 102        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB7       | 103        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB8       | 104        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB9       | 105        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB10      | 106        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB11      | 107        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB12      | 108        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB13      | 109        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB14      | 110        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB15      | 111        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB16      | 112        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB17      | 113        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB18      | 114        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB19      | 115        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB20      | 116        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB21      | 117        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB22      | 118        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB23      | 119        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB24      | 120        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB25      | 121        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB26      | 122        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB27      | 123        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB28      | 124        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB29      | 125        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB30      | 126        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB31      | 127        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB32      | 128        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB33      | 129        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB34      | 130        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |
| MB35      | 131        | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          | x          |  |  |  |  |  |  |  |  |  |  |  |  |

FIG. 1

(57) Abstract: The invention provides methods and compositions for the detection of *Chlamydia trachomatis* in a test sample. Its presence or absence in the sample is determined by nucleic acid based testing methods using primers and/or probes and or molecular beacons that bind to the 23S ribosomal genes or gene transcripts.

[Continued on next page]

MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,  
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