

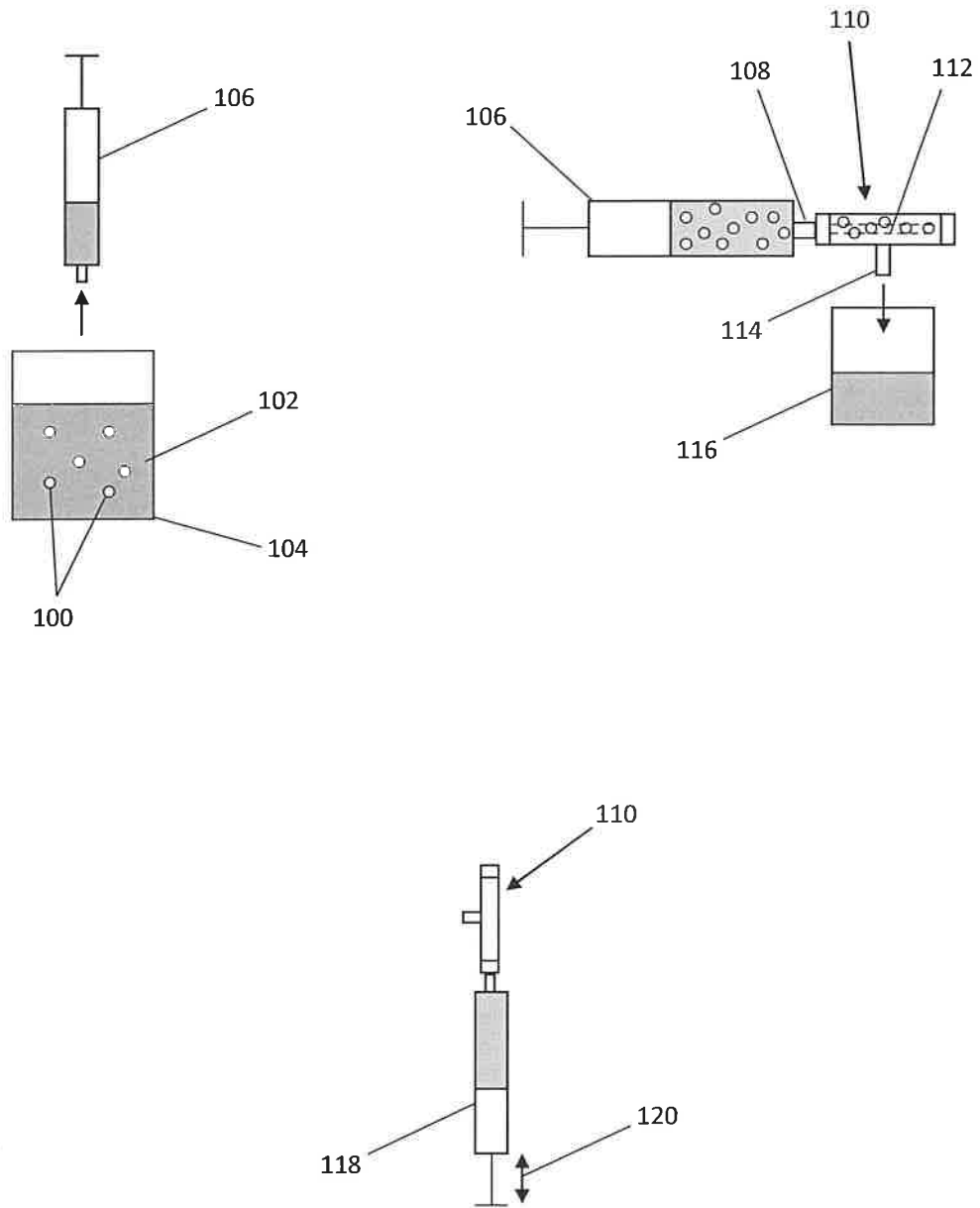


FIG. 1

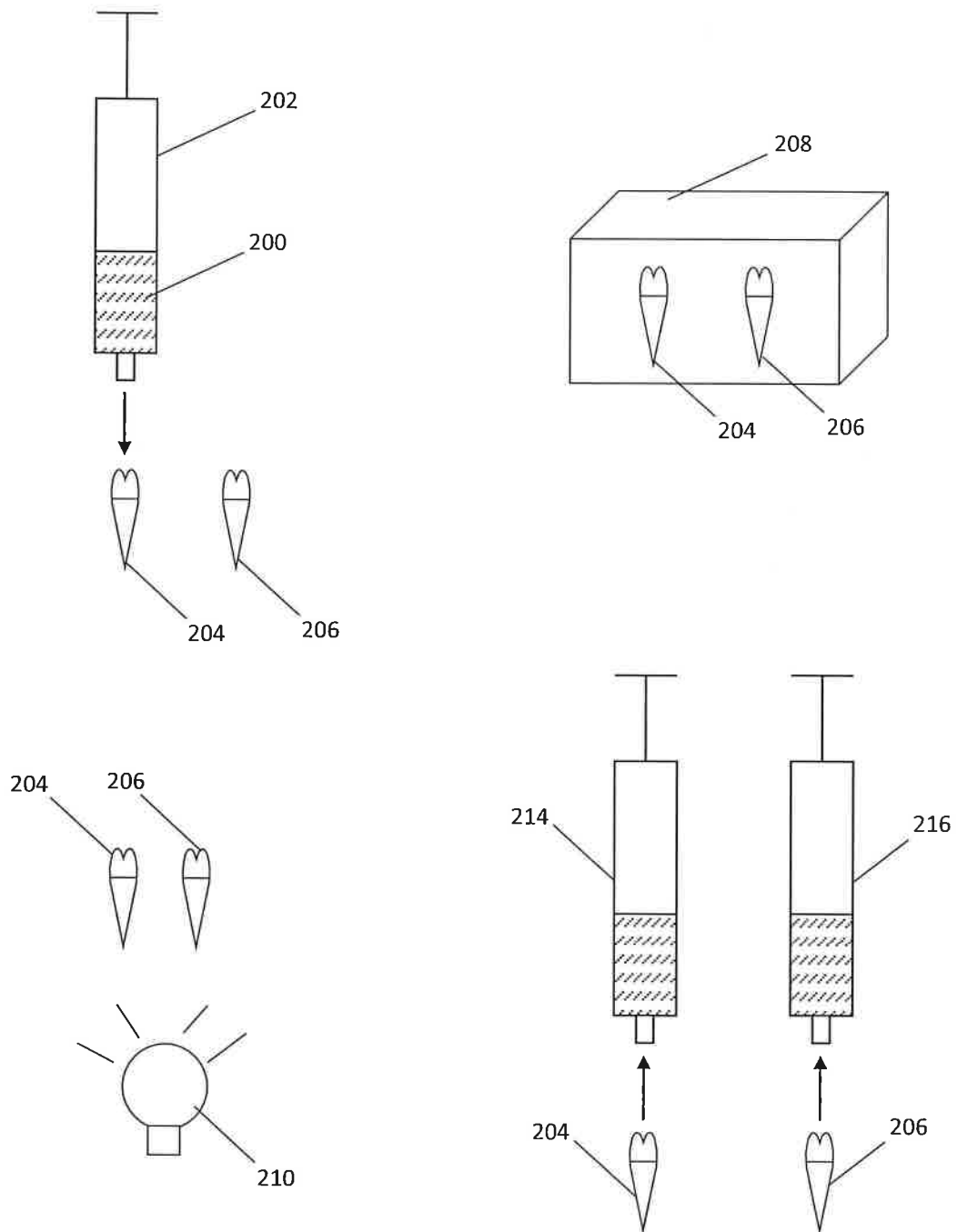


FIG. 2

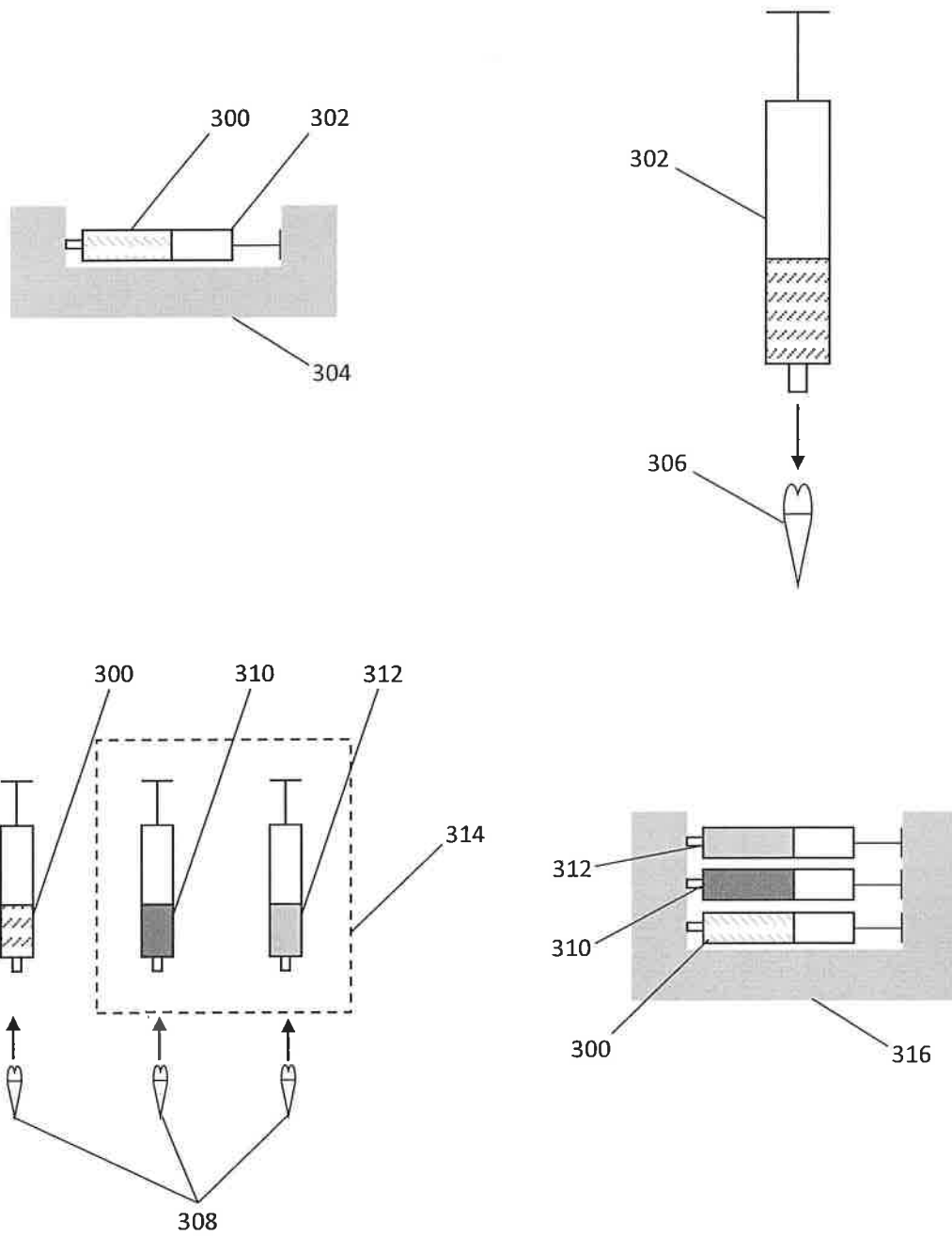


FIG. 3

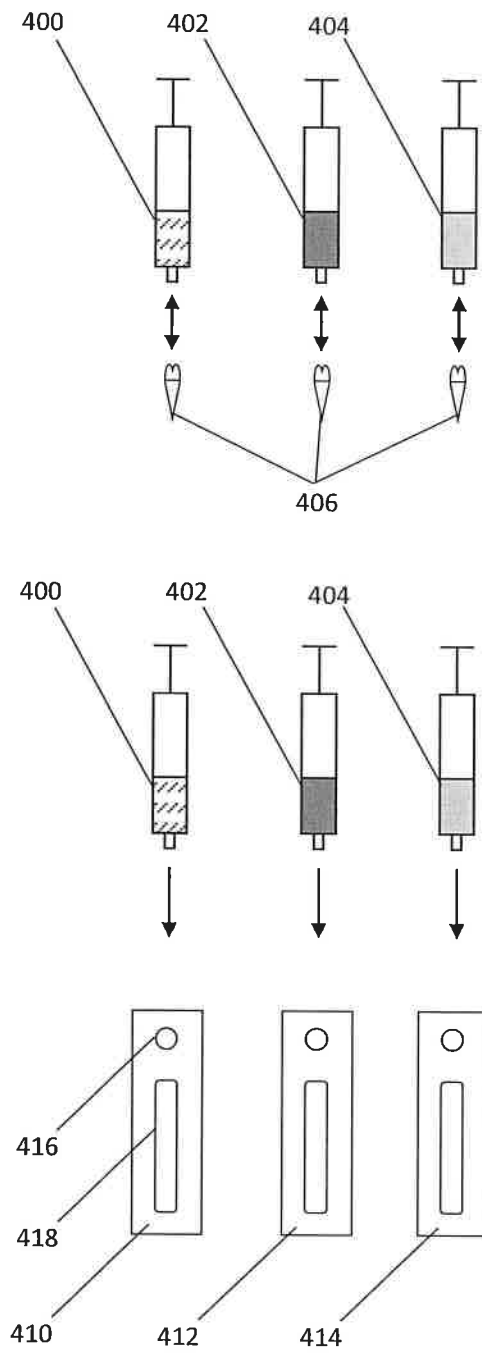


FIG. 4A

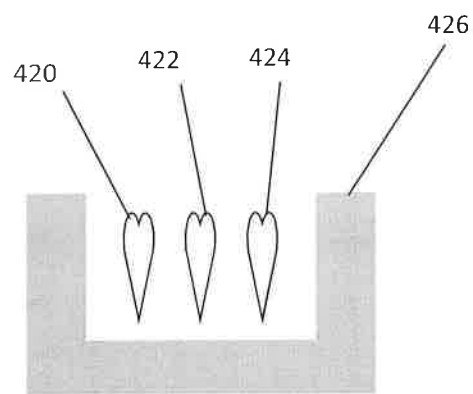


FIG. 4B

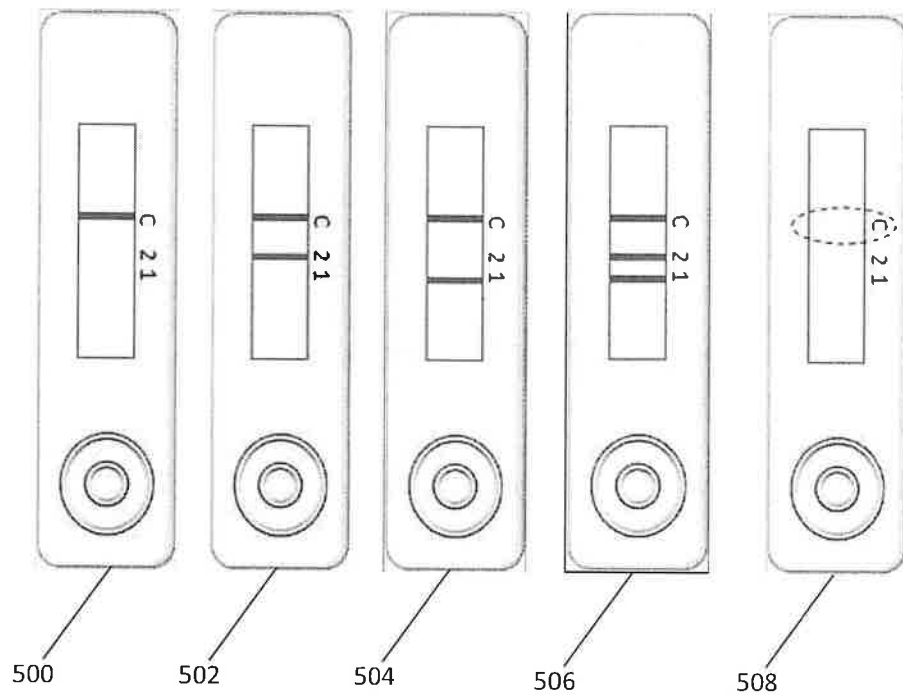


FIG. 5

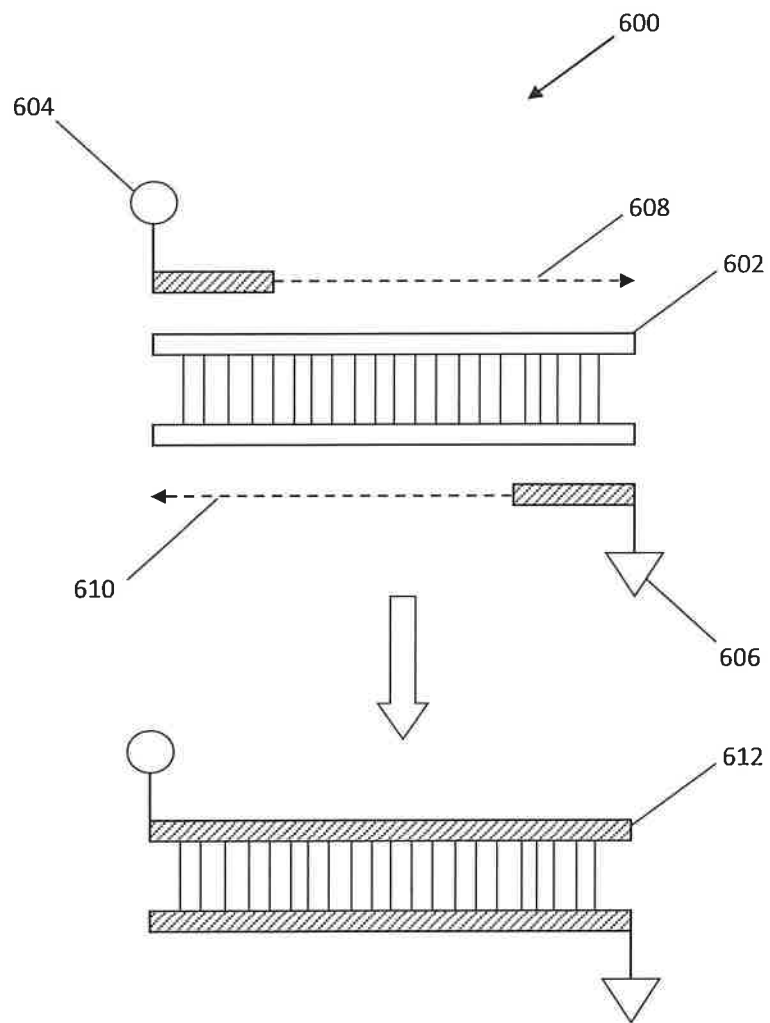


FIG. 6

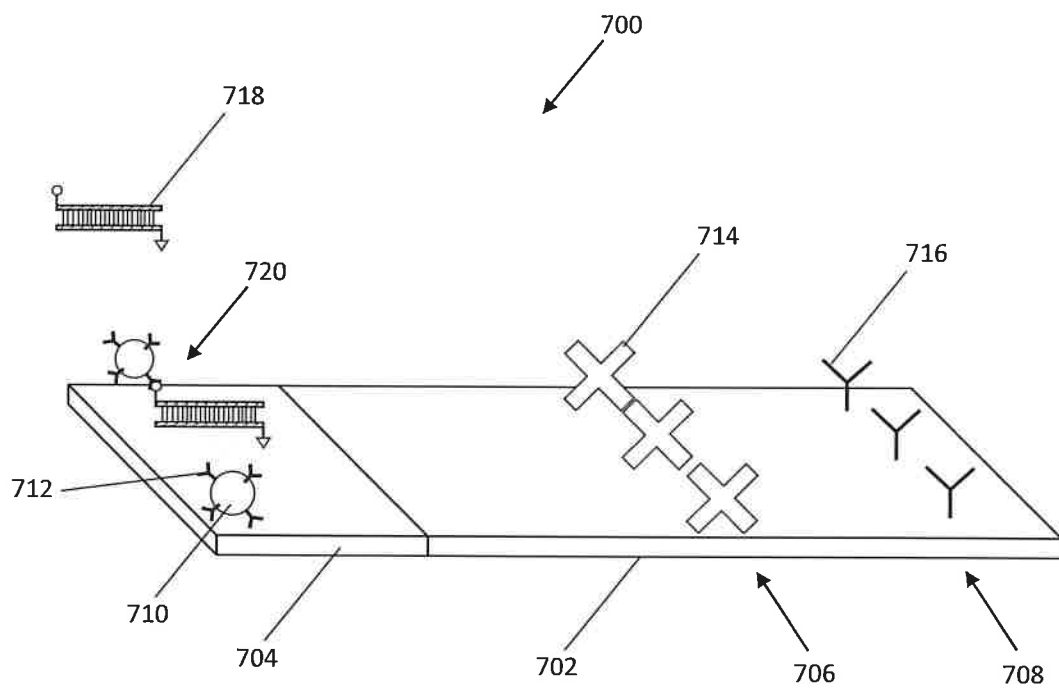


FIG. 7

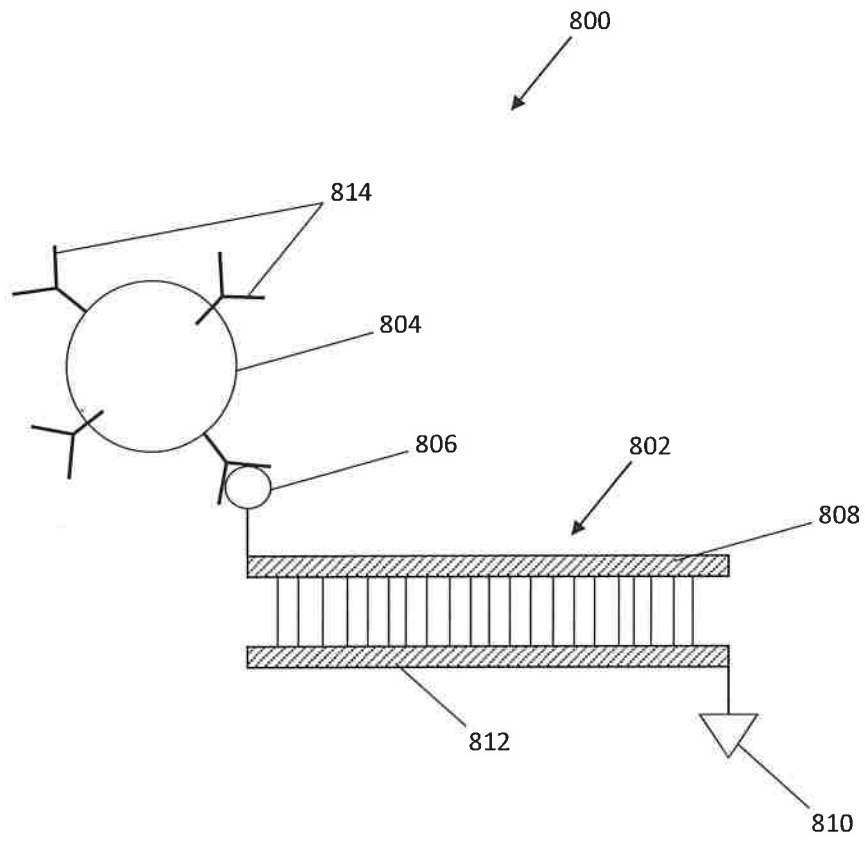


FIG. 8

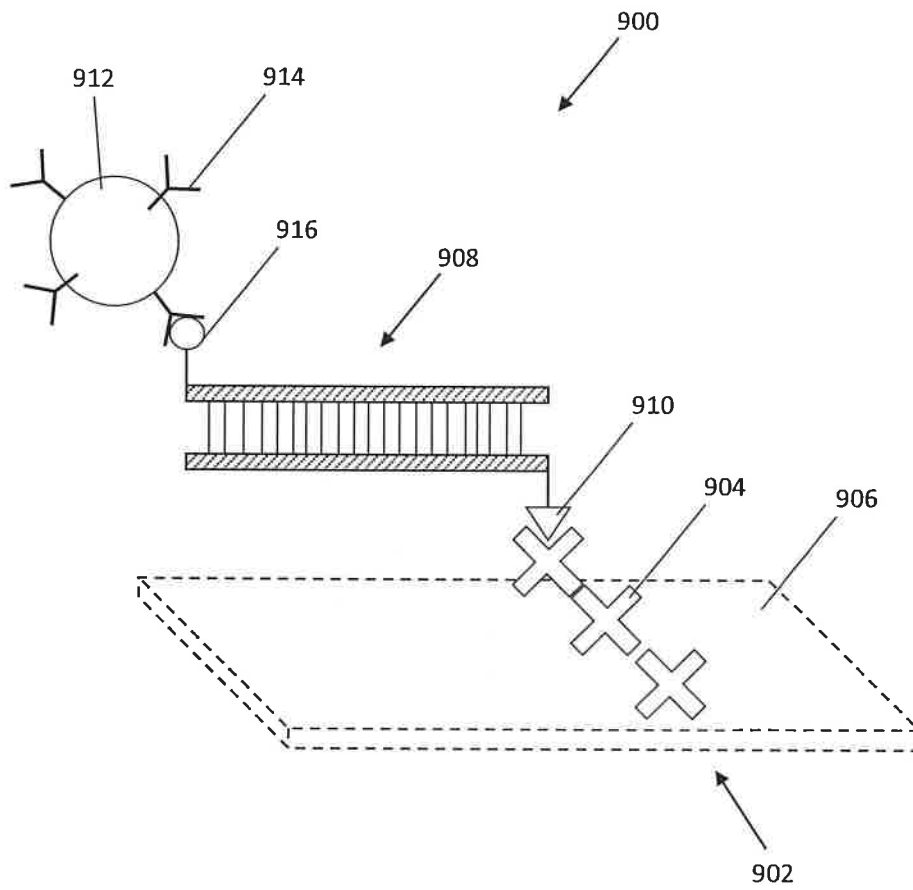


FIG. 9

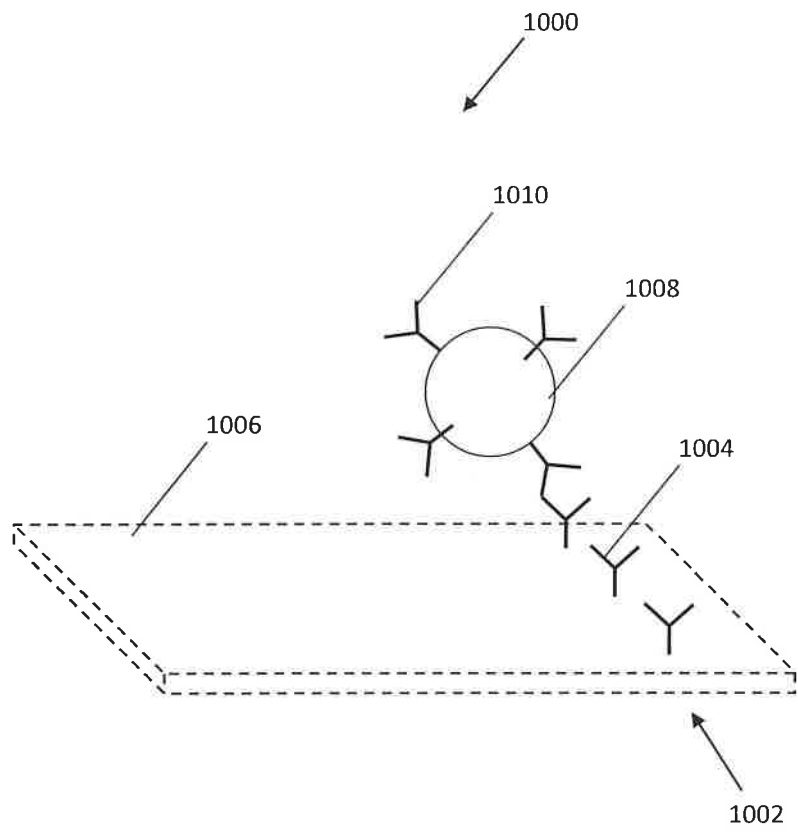


FIG. 10

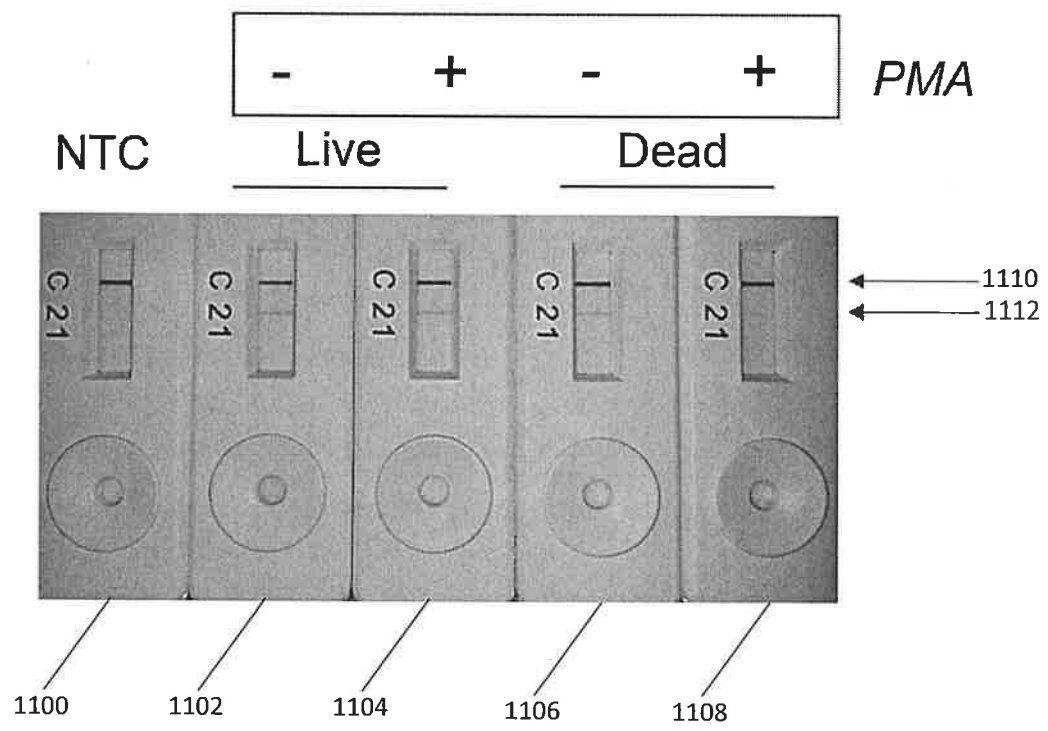


FIG. 11

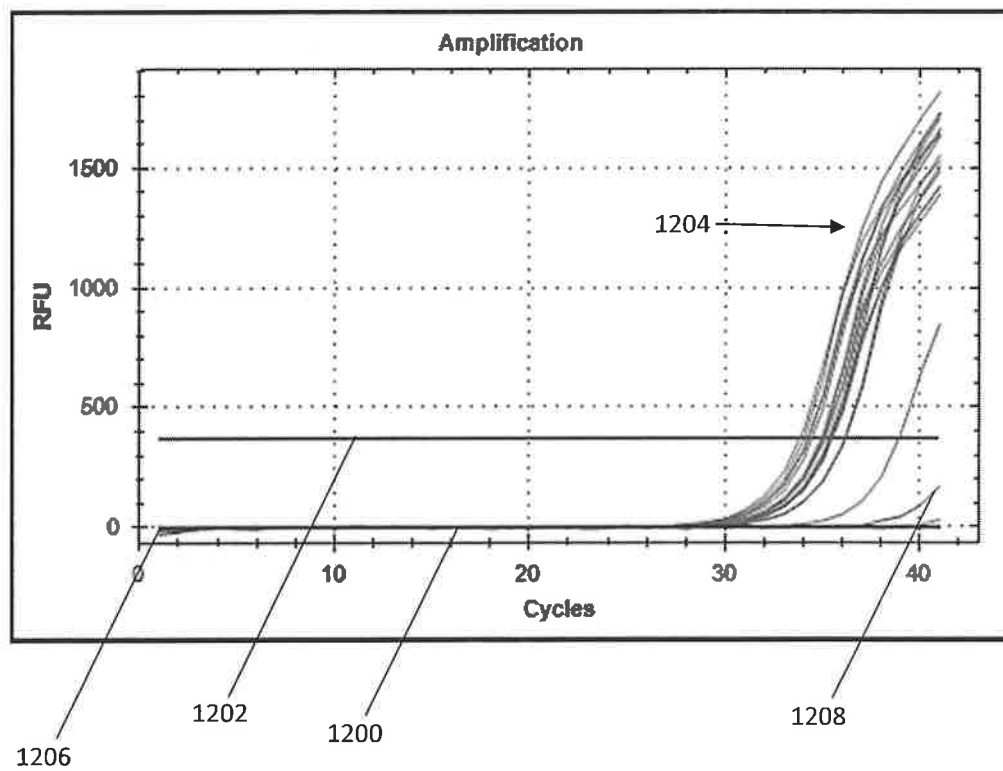


FIG. 12

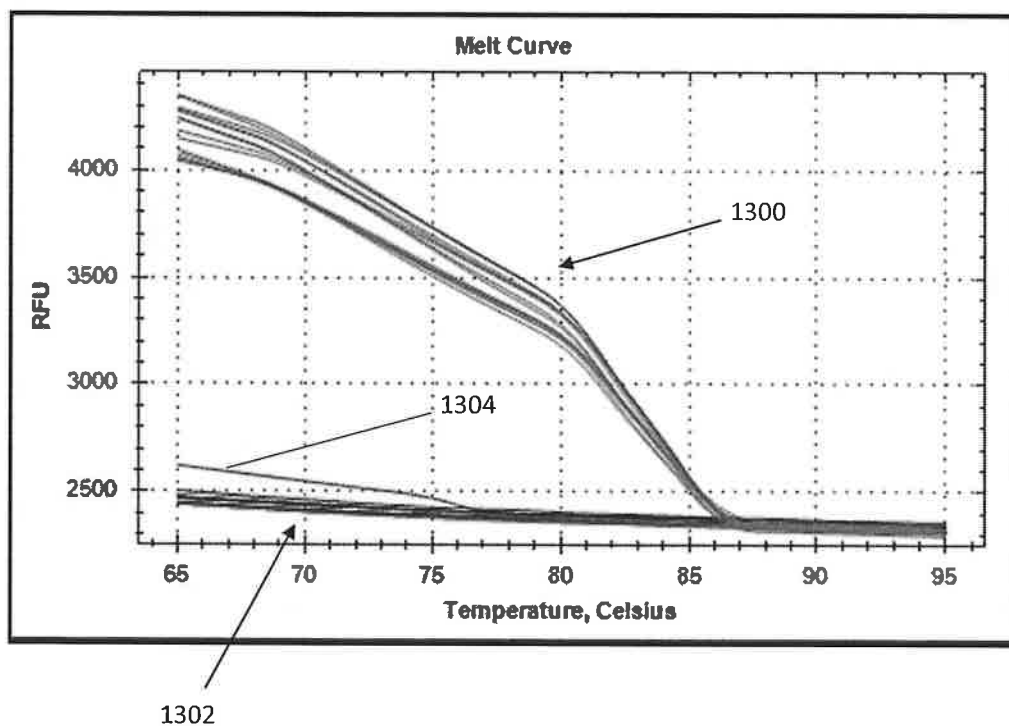


FIG. 13

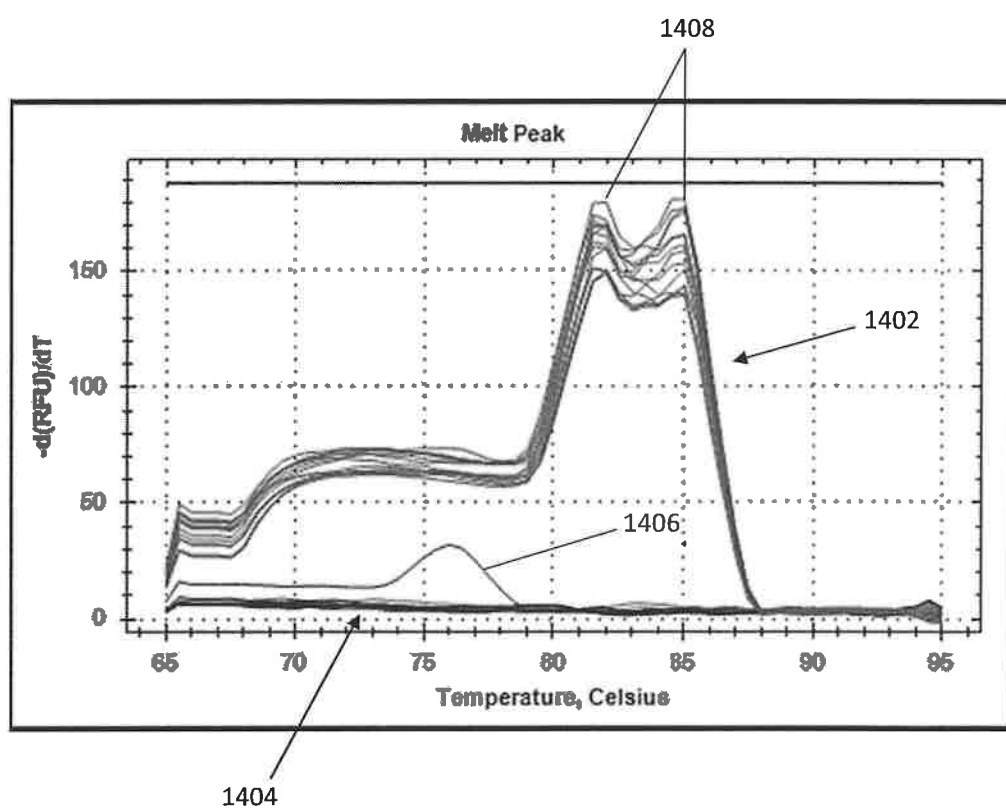


FIG. 14

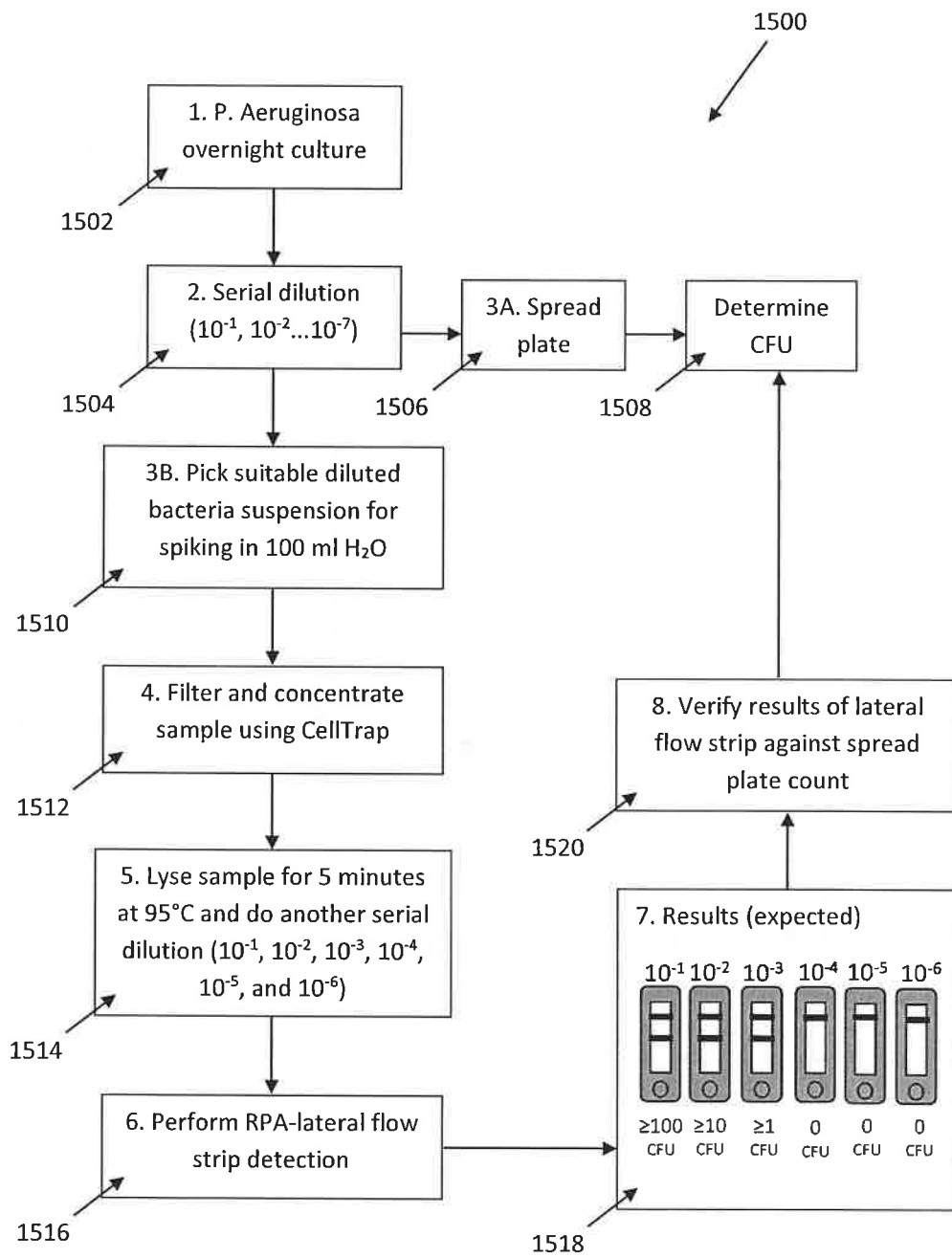


FIG. 15

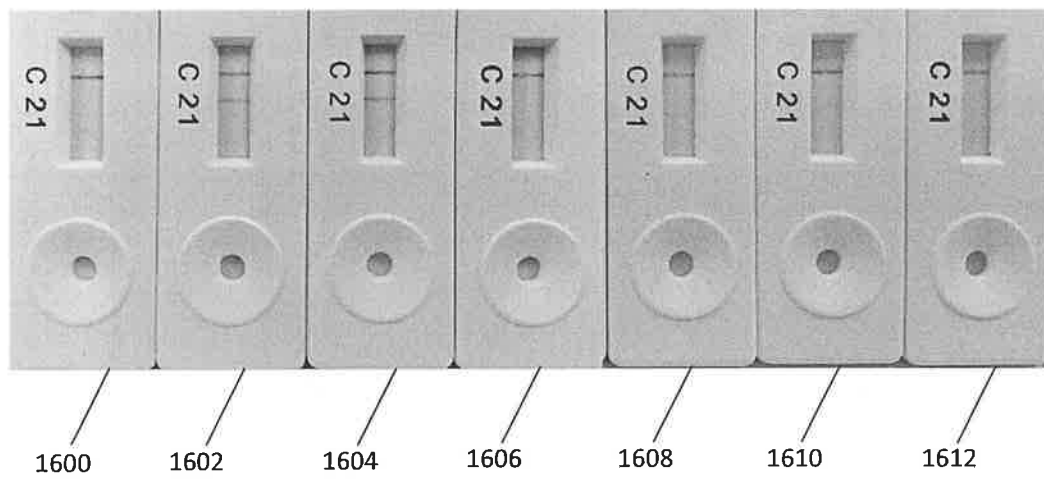


FIG. 16

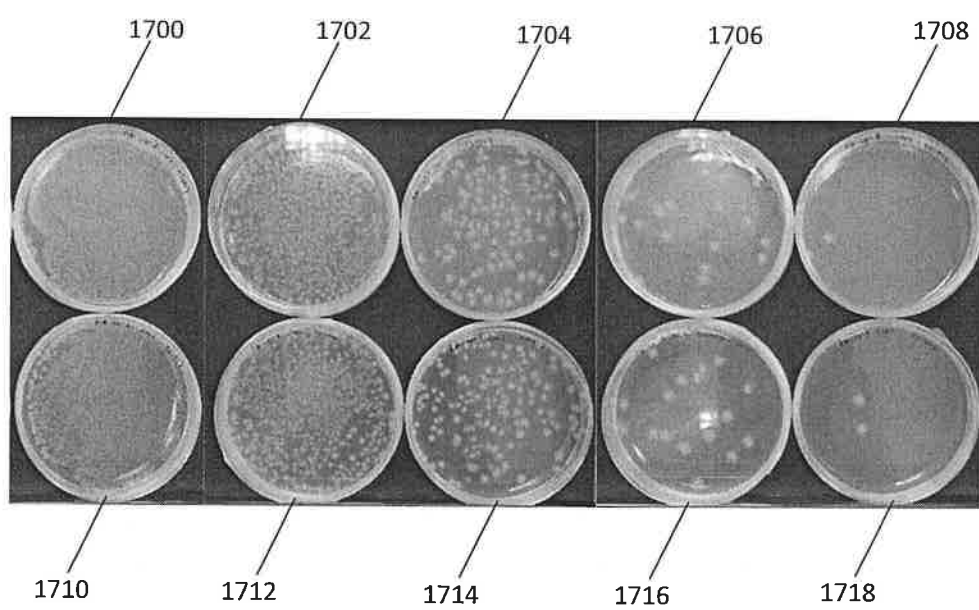


FIG. 17

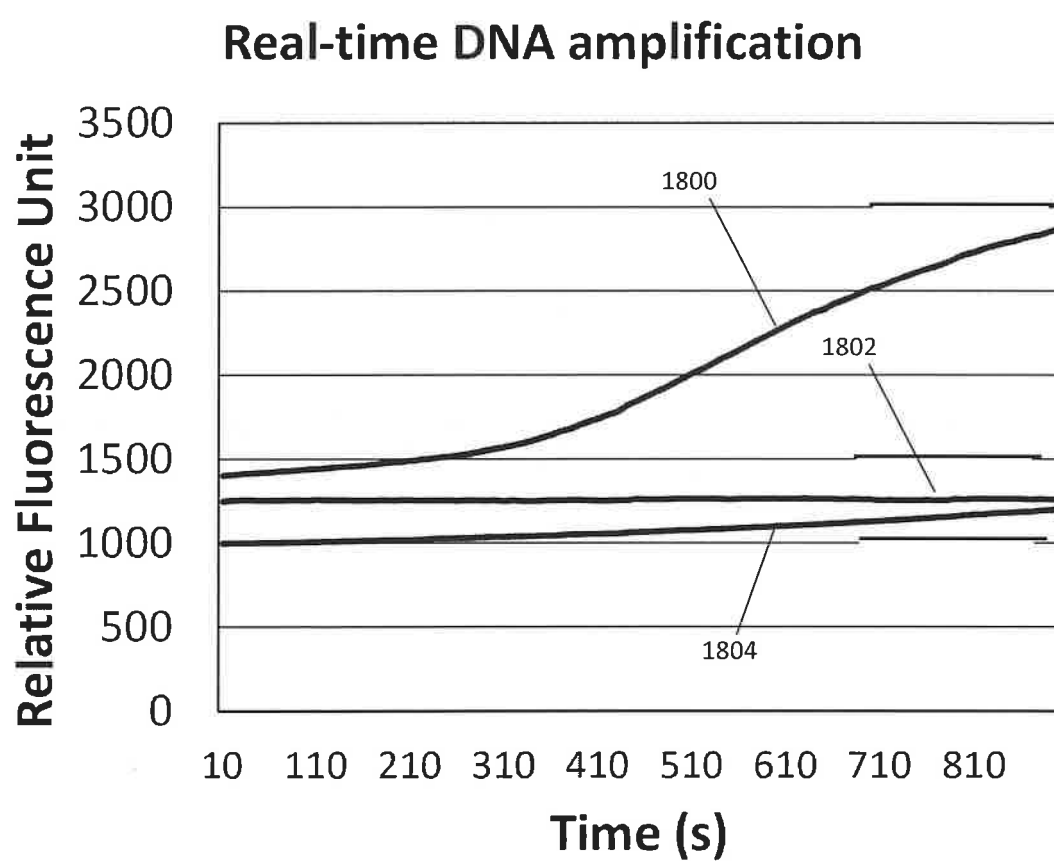


FIG. 18

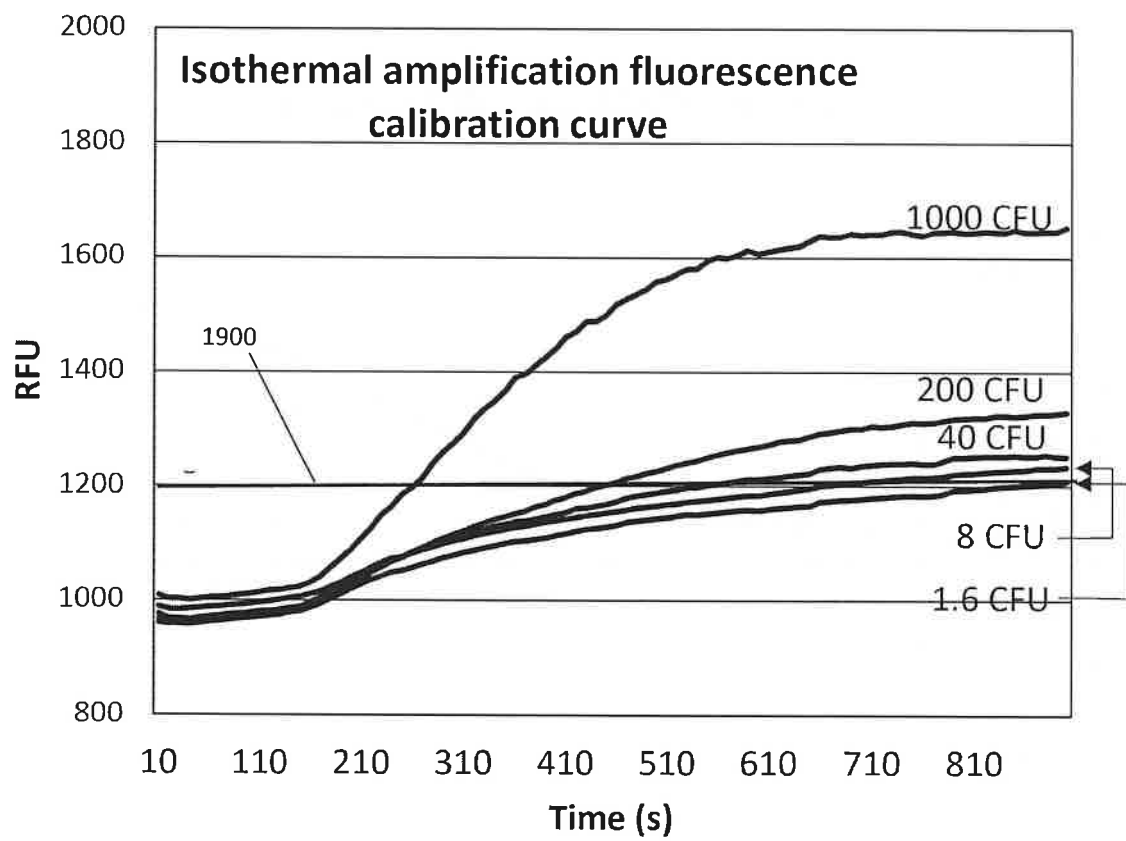


FIG. 19

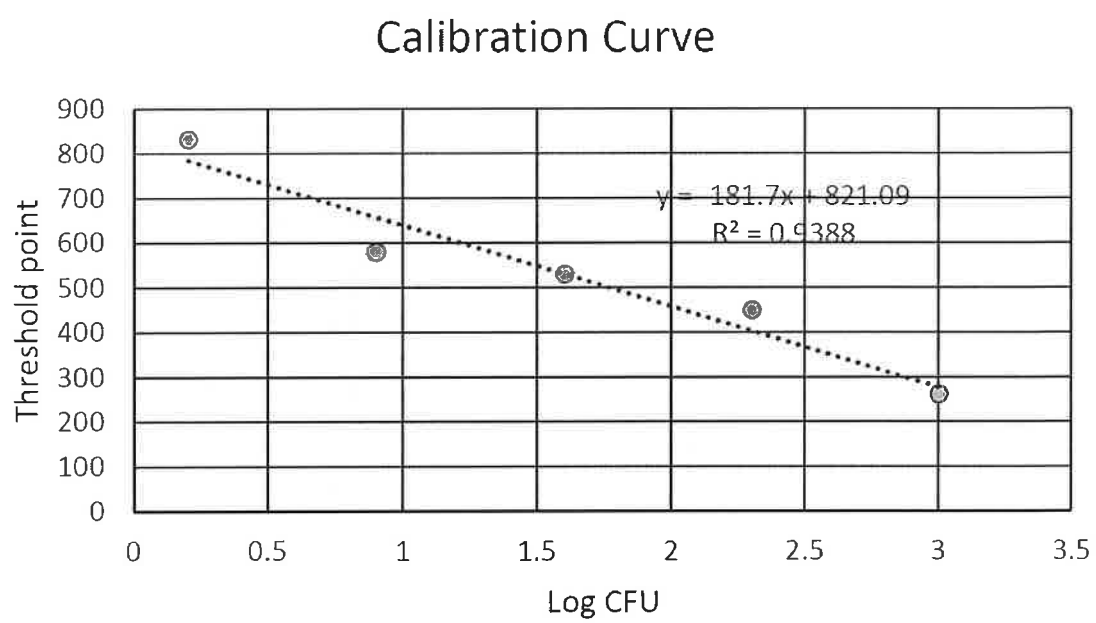


FIG. 20

Primer2	SEQ ID no. 1: 5'-TTCCCTCGCAGAGAAACATCCTATCACCGCG-3'	0
algD_P_aeruginosa	CGGGGACAAACGGCGGAACTTCCCTCGCAGAGAAACATCCTATCACCGGATGCTAT 180	
Primer1	-----ttccctcgagagaaaacatc----- 21	
Primer2	-----	0
algD_P_aeruginosa	CGATAGTATGGCAGAGCAACTGAAACCGTCTCGAATAATCGGATTCGGCTCCGAGGG 240	
Primer1	-----	21
Primer2	-----	0
algD_P_aeruginosa	ACAACTCAACCTGTTGAATTAAGGCCCTTAGAACTTGAATTCATGGACCGAACTA 300	
Primer1	-----	21
Primer2	-----	0
algD_P_aeruginosa	AACTAAGCATCCAGGTCGGTTATGCACCGTTATTGAACCCACCTCAAACATTAAAG 360	
Primer1	-----	21
Primer2	-----	0
algD_P_aeruginosa	GGCATGAACTTATACTTCCCCATTAGAGTCCGACAACTAAGCACTCTATTGGAAC 420	
Primer1	-----	21
Primer2	-----	0
algD_P_aeruginosa	TGCCTGAAGGCGGATCAAGGGCTCTGGATCGGGGCTCGTAGTAACGGCTCGCCAGATAGG 480	
Primer1	-----	21
Primer2	SEQ ID no. 5:5'-CGGCCACCTCATTAACGGCGGACAAACAATCGAGGT-GAAT ³ GGATGCGAATCAG- /3Phos /-3'	0
algD_P_aeruginosa	SEQ ID no. 4:5' /56FAM /-CGGCCACCTCATTAACGGCGGACAAACAATCG- /3Phos /-3'	0
Primer2	-----	0
algD_P_aeruginosa	GAAGTGGCCATACGGCCACCTCATTAACGGCGGACAAACAATCGAGGTCAATGCCATGC 540	
Primer1	-----	21
Primer2	-----	0
algD_P_aeruginosa	GAATCAGCATCTTTGGTTGGGTATGTGGTGCAGTATGTGCTGGCTGCCTGTGGCAC 600	
Primer1	-----	21
Primer2	SEQ ID no.3:3'-TCTAGCTGGACTAGTTGGTCCCTTCAGCGGG-5'	0
algD_P_aeruginosa	SEQ ID no.2:3'-TCTAGCTGGACTAGTTGGTCCCTTCAGCGGG /5Biosg /-5'	0
Primer2	-----	0
algD_P_aeruginosa	-----agatcgacctgatcaaccagg 21	
Primer1	GCGGTATGAAGTCATTGGTGTGGATGTCTCCAGCACCAGATCGACCTGATCAACCCAGG 660	
	-----	21

FIG. 21

Legion-R	SEQ ID no. 6: 5'-AGGGTTGATAGGTTAAGAGCTGATTAAGTGA-3'	0	¹ /FluorT/
Legion-F	-----AGGGTTGATAGGTTAAGAGC-----	20	² G to /idSp/
Legionella	NAGGGTTGTAAGCACATTTCAGTGGGAGGAGGTTGATAGGTTAAGAGCTGATTAAC TG	480	³ dT-BHQ
Legion-R	-----	0	⁴ G to /idSp/
Legion-F	-----	20	
Legionella	GACGTTACCCACAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCNCGGTAATACGGAG	540	
Legion-R	-----	0	
Legion-F	-----	20	
Legionella	NGTGCNAGCGTTAATCGGAATTACTGGCGGTAAAGGGTCCGTAGGTGGTTGATTAAGTTA	600	
Legion-R	-----	0	
Legion-F	-----	20	
Legionella	TCTGTGAAATTCTCTGGGCTTAACCTGGGACGGTCAGATAATACTGGTTGACTCCAGTATG	660	
Legion-R	5' - /5DiG/-GGAGAGGGTAGTGGAAATTTCCGGTGTAGCGGTGAAAT ¹ GCG ² T ³ AGAGATCGGAAGCA- /3Phos/-3' (SEQ ID no. 10)	0	
Legion-F	-----	20	
Legionella	-----	660	
Legion-R	5' - /5DiG/-GGAGAGGGTAGTGGAAATTTCCGGTGTAGCGGTG'AAATGCCGTAGAGATCG- /3Phos/-3' (SEQ ID no. 9)	0	
Legion-F	-----	20	
Legionella	GGAGAGGGTAGTGGAAATTTCCGGGTGTAGCGGTGAAATGCCGTAGAGATCGGAAGGAACACC	720	
Legion-R	-----	0	
Legion-F	-----	20	
Legionella	AGTGGCGAAGGCGGCTACCTGGCCTAATACTGACACTGAGGCACGAAAGCGTGGGAGCA	780	
Legion-R	SEQ ID no. 8: 3'-ACATTTGCTACAGTTGATCGACAACCAATATA-5'	0	
Legion-F	-----	20	
Legionella	-----	780	
Legion-R	SEQ ID no. 7: 3'-ACATTTGCTACAGTTGATCGACAACCAATATA/5Biosg/-5'	0	
Legion-F	-----CGATGTCAACTAGCTGTTGG-----	20	
Legionella	AACAGGATTAGATACCCCTGGTAGTCCACCGCTGTAAACGATGTCAACTAGCTGTTGGTTAT	840	

FIG. 22

FIG. 23