



() -

Multiplex-PCR

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*

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PCR

PCR

PCR

S rRNA

(Multiplex-PCR)

DNA

Multiplex-PCR

*

(H. Pylori)

.(-)

(Brain Heart Infusion broth)

()

.()

()

PCR

.()

(=)

.(=)

.()

DNA

PCR

.()

B

PCR

DNA ()

PCR

DNA

DNA

PCR / :

Tris-HCl 50 mM [pH 8.5], EDTA- (10 mM, Triton-X 100 0.1%)

()

PCR Multiplex-PCR () K

S rRNA

'-GTA AAG GCT CAC CAA GGC TAT-'

'-CCA CCT ACC TCT CCC ACA CTC-'

() bp

H. pylori :

'-TCA CAT GTT TTC AAT CAT CAC GC-'

'-ATG GCT TAC AAC CCT AAA ATT

TTA CAA AAG CC-'

PBS / / PH

SDS (%) mM [pH] EDTA mM NaCl mM (Tris-HCl K

μl pmol TagDNA DNA mM / PCR MgCl ()

DNA

PCR / PCR

bp / pb

Multiplex-PCR DNA

bp /

DNA

PCR .()

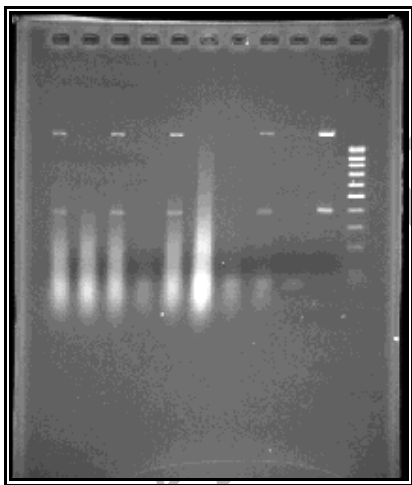
(bp) S rRNA :

(bp)

() ()

() () ()

() ()



Multiplex-PCR

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Multiplex-PCR DNA

(Salmonella typhi) :

(E. coli)

(Streptococcus viridance)

(Proteus mirabilis)

(Heamophilus influenza)

(Shigella sp) (Campylobacter sp)

(Klebsiella sp)

(Enterobacter sp)

PCR / PCR

DNA /

DNA . PCR

PCR PCR

/

/

PCR

/

Mild chronic cholecystitis

(Lin)

PCR

()

PCR

(Chen)

()

)

(Roe)

(

()

DNA

(Monstein)

()

Multiplex-PCR

S Rrna

(icd)

()

(

)

PCR

PCR

Multiplex-PCR

DNA

DNA

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