



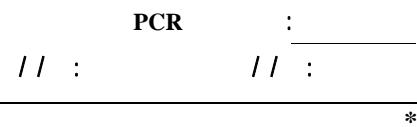
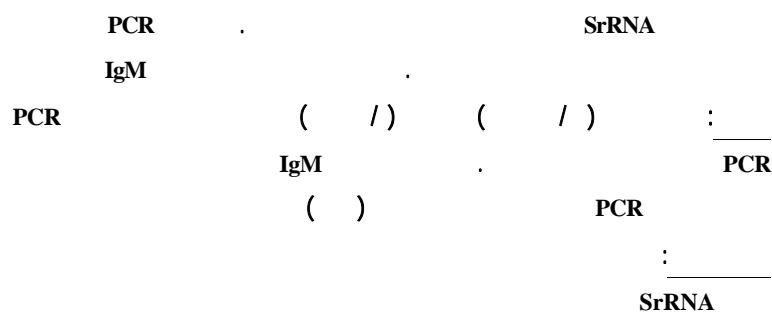
()

PCR

*

**

PCR



/

IgM (zoonotic)
.()

PCR
DNA
.()

.()

.() DNA-DNA .()

.()

PCR
()

.()

DNA-DNA

SrRNA ()

.()

(MAT)

.()

PCR (real-time)

(Taqman)

IgM

² Polimerase Chain Reaction

¹ Microscopic Agglutination Test

/

/

()

B

PCR

SrRNA

()

SrRNA

SrRNA

PCR

/ ± /

PCR

DNA

»

«

PCR

DNA

()

DNA

³ DNA Gyrase subunit B encoding gene

/

: ()

PH / EDTA] L6-lysis buffer

TritonX- (fluka) GUSCN

() [(merck)

Tris-HCl GUSCN) L2-wash buffer

PCR Techne-TC (/ PH /

PCR mixture () k

(Genekam) DNA DNA DNA PCR

PCR

PCR TBE DNA

bp DNA (Genekam) PCR

PCR DNA) DNA (Oligo5)

PCR (SrRNA bp

PCR / L16SF:5'-CACCAAGGCGACGATCGGTAGC-3'

L16SR:5'-CAAGTCGCCTCGCCACTGGTG-3'

PCR Taq DNA

DNA dNTP MgCl

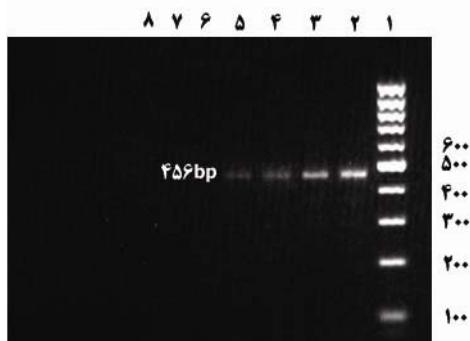
DNA PCRbuffer10X

IgM PCR

SERION-ELISA Classic Leptospira

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Institut Virion / Serion GmbH



شكل ١: الكتروفورز محصول PCR (١) ماركر 100bp (٢) ١ ng (٣) ١٠ fg (٤) ١٠٠ fg (٥) ١ pg (٦) ١٠ pg (٧) ١٠٠ pg (٨) بدون DNA

IgM
umatoid)
Factor Absorbent Z

PCR

IgM

(> U/ml)

PCR

(/)

.()

DNA

bp

An agarose gel electrophoresis image with 12 lanes labeled 1 through 12 at the top. Lane 1 contains a molecular weight marker with several distinct bands. Lanes 2 through 12 show a single band located at the 459 bp position, indicated by a label below the gel. The bands are faint but clearly visible against the dark background.

bp

SrRNA

NCBI

)

(Generunner)

bnp

شکل ۲: الکتروفورز محصول PCR نمونه‌های سرمی (۱) مارکر ۱۰۰ bp (۲) شاهد منفی (۳) شاهد مثبت (۴.۸.۹.۱۱) نمونه‌های سرمی مثبت لپتوسپیرا (۵.۶.۷.۱۰) نمونه‌های سرمی منفی لپتوسپیرا.

PCR

DNA

JgM

/

PCR

IgM

PCR

()

()

IgM PCR

:

PCR

IgM

(/)	(/)	(/)*
(/)	(/)	(/)
()	(/)	(/)

* اعداد به صورت (درصد) تعداد می باشند.

PCR

/ ± /

PCR

: / ± /

PCR

MAT

()

PCR (/)

PCR

(/) (/)

CSF

PCR

()

1

1

MAT

PCR

.()

	()	PCR	()	SrRNA	S
PCR	PCR				
LipL	bp	real-time	.		PCR
.	.	.	(Merien)		
.	.	SrRNA	bp		
	DNA				

.()
G₂ G₁

Light cycler Taqman

PCR (real-time) .()

.()
PCR

.()

DNA

PCR

.()

SrRNA

DNA PCR

/

.()

PCR

.()

PCR

.() ⁴SSCP

.()

(/)

.()

.()

.()

IgM

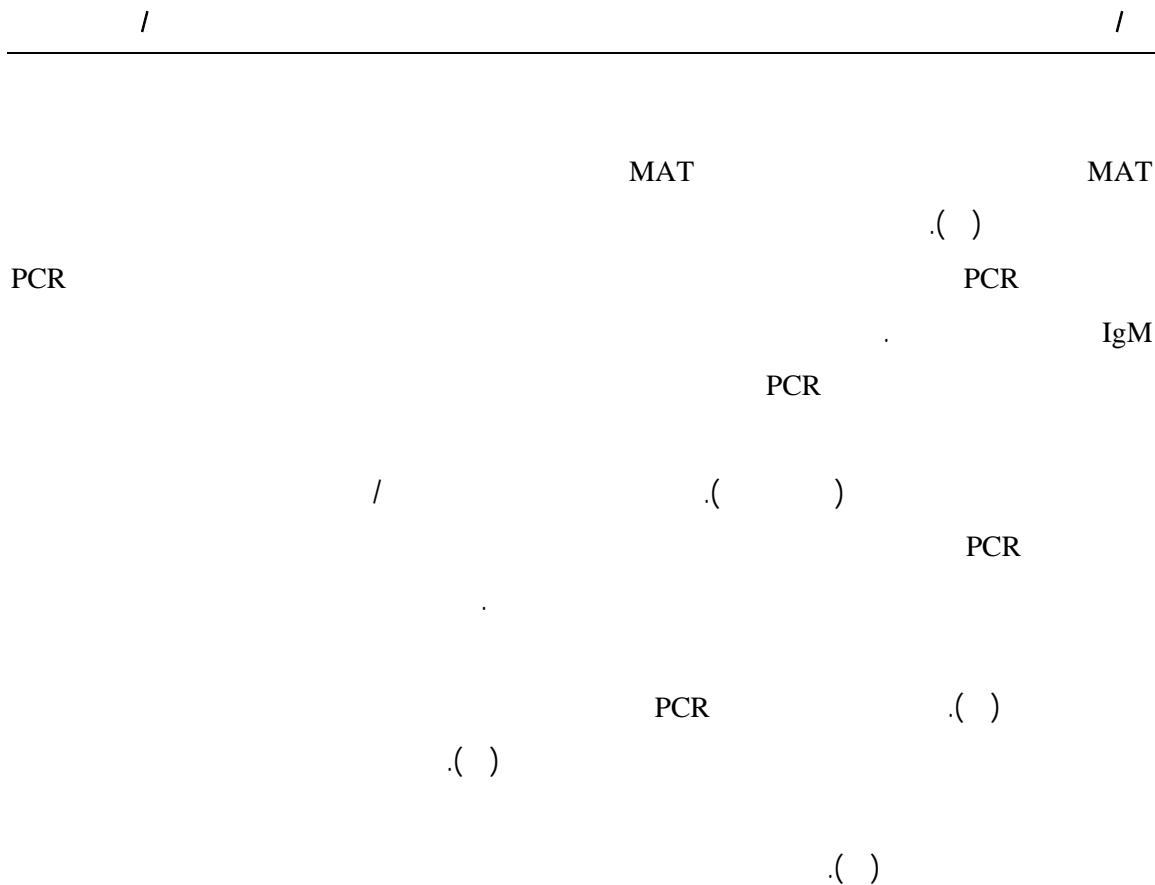
IgM

(Dengue)

/

.()

.()



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