

(Argasidae)

CCHF

Rt-PCR

RNA (Crimean- Congo Haemorrhagic Fever) - Sense :
 Bunyaviridae Nairovirus
 CCHF () % (.)
 () (Argasidae)
 () ()

(Reverse Transcription (Argasidae) CCHF Polymerase Chain Reaction) Rt-PCR

RNA, Rt-PCR CCHF
 PCR cDNA cDNA
 (% /) / PCR % / PCR
 Rt-PCR U.V.Transilluminator

Ornithodoros lahorensis Neomann

CCHF

CCHF

- CCHF - *Ornithodoros lahorensis* - Rt-PCR :

(*Hyalomma*

CCHF (.) spp)

(.)

Argas persicus () Argasidae

(Crimean- Congo

Nairovirus

- Haemorrhagic Fever)

Ornithodoros lahorensis Oken

Sense

RNA

Bunyaviridae

() Neumann

(.)

(.) ()

(.) (Sporadic)

%

(Mortality)

(Screening)

(Nosocomial)

(.)

(PCR) Polymerase Chain

(.)

(.)

% /

Reaction

(.)

(.)

F2:TGG ACA Forward DNA RNA
 RNA CCT TCA CAA ACT C3' .()
 Sense - (Ixodidae)
 CCHF .(.)
 R3:GAC AAA TTC CCT Reverse Reverse transcription-Polymerase Chain
 Message Sense GCA CCA3' RNA Reaction (Rt-PCR)
 .(.) - (Argasidae) CCHF
 (cDNA) DNA (Argasidae
 RNA cDNA
 Forward ()
 (DDW)
 0C
 - rpm Rt-PCR
 :
 RNase Inhibitor
 DNTPs Mix Rt-PCR
 Reaction Buffer 5X RNA ()
 Reverse Transcriptase Enzyme
 DDW (/) Depc
 0C Rnase
 Depc
 Depc
 - rpm PBS 1X
 (.) cDNA
 (DNA Amplification) DNA (Lysis Buffer
 cDNA PCR - rpm 0C
 100 Pmo/μlit (Forward) F2 - Denaturation Buffer
 100 Pmo/μlit (Reverse) R3 - rpm
 Wash
 10X Reaction Buffer - Buffer
 5mM Mgc12 - rpm
 dNTPs Mix -
 Tap DNA Polymerase -
 PCR Elution Buffer
 .(.) 0C
 RNA
 :

(-)

IgG

ELISA

PCR

CCHF ELISA ()

IgG IgM (% /) /

() (*Ornithodoros lahorensis* Neumann)

() Rt-PCR CCHF

536 (A) bp

CCHF (IgM) ELISA Rt-PCR

Ornithodoros lahorensis Neumann

CCHF ()

Rt-PCR

CCHF (Argasidae) Rt-PCR

Rt-PCR

RNA PCR cDNA (Denaturate) () ()

()

(*Hylomma anatolicum*) ELISA (*anatolicum*)

() IgG % /

Rt-PCR (% /)

()

()

Hyalomma spp. (Ixodidae)

CCHF

CCHF

(Argasidae)

Ornithodoros lahorensis

CCHF

CCHF

Rt-PCR

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