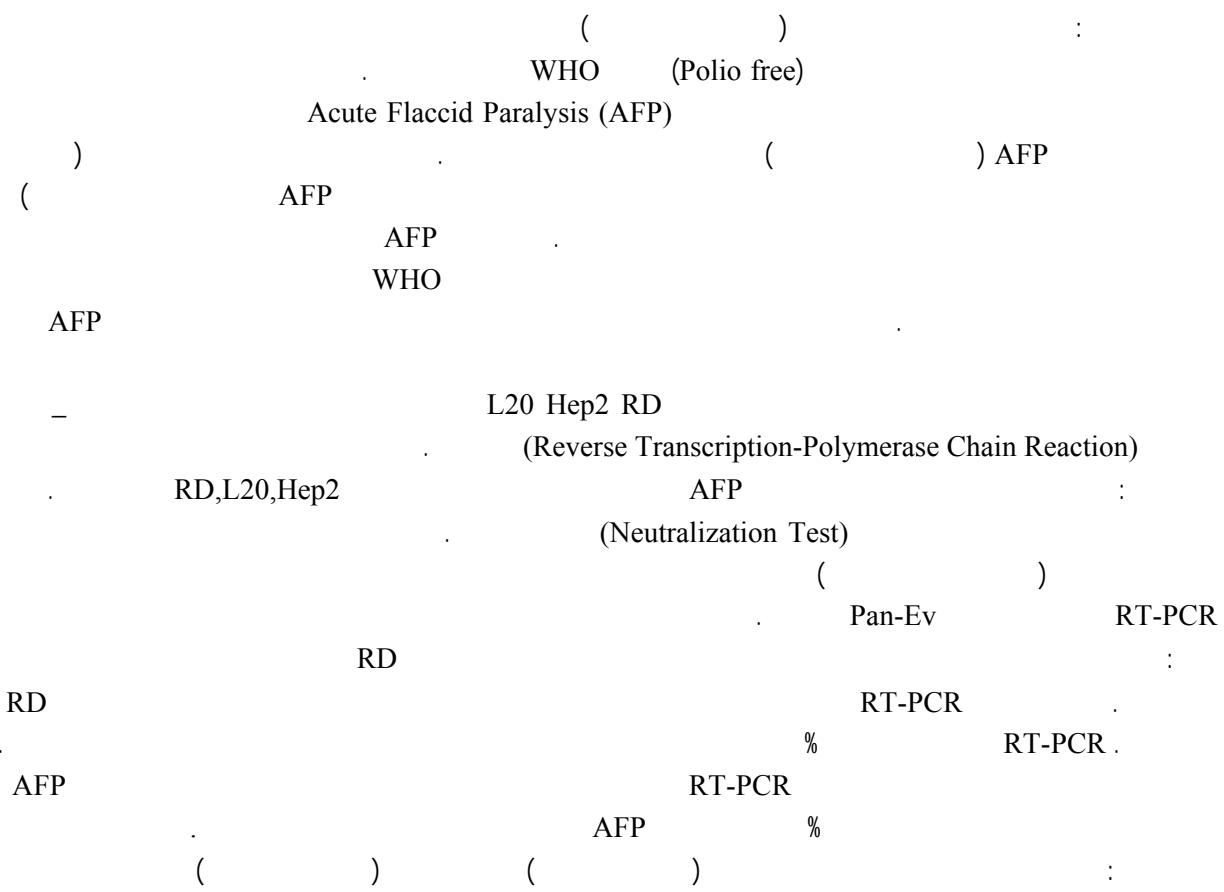


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Pallenseh)

(et al. 2001; Schweighardt et al. 2001

CNS

(Rotbart et al. 2000)

(Retrograde axonal flow)

CNS

(CNS)

% /

(Pallenseh et al. 2001)

(Pallenseh et al. 2001)

Pallenseh et al. 2001; Schweighardt et al.)
(2001

Pallenseh et al.)

(2001

(Dowdle et al. 2003)

(Minor viremia)

)

CNS . (

CNS

AFP

(Major viremia)

/...

PBS

AFP

RD,L20,Hep2

(

)

(Gold Standard)

(invert)

(CPE)

)

()

(A

Rotbart et al. 2000; Santos)

: NT

.(et al. 2003

TCID50

CPE

RT-PCR

% %

NT

RNA.

RT-PCR

RNA

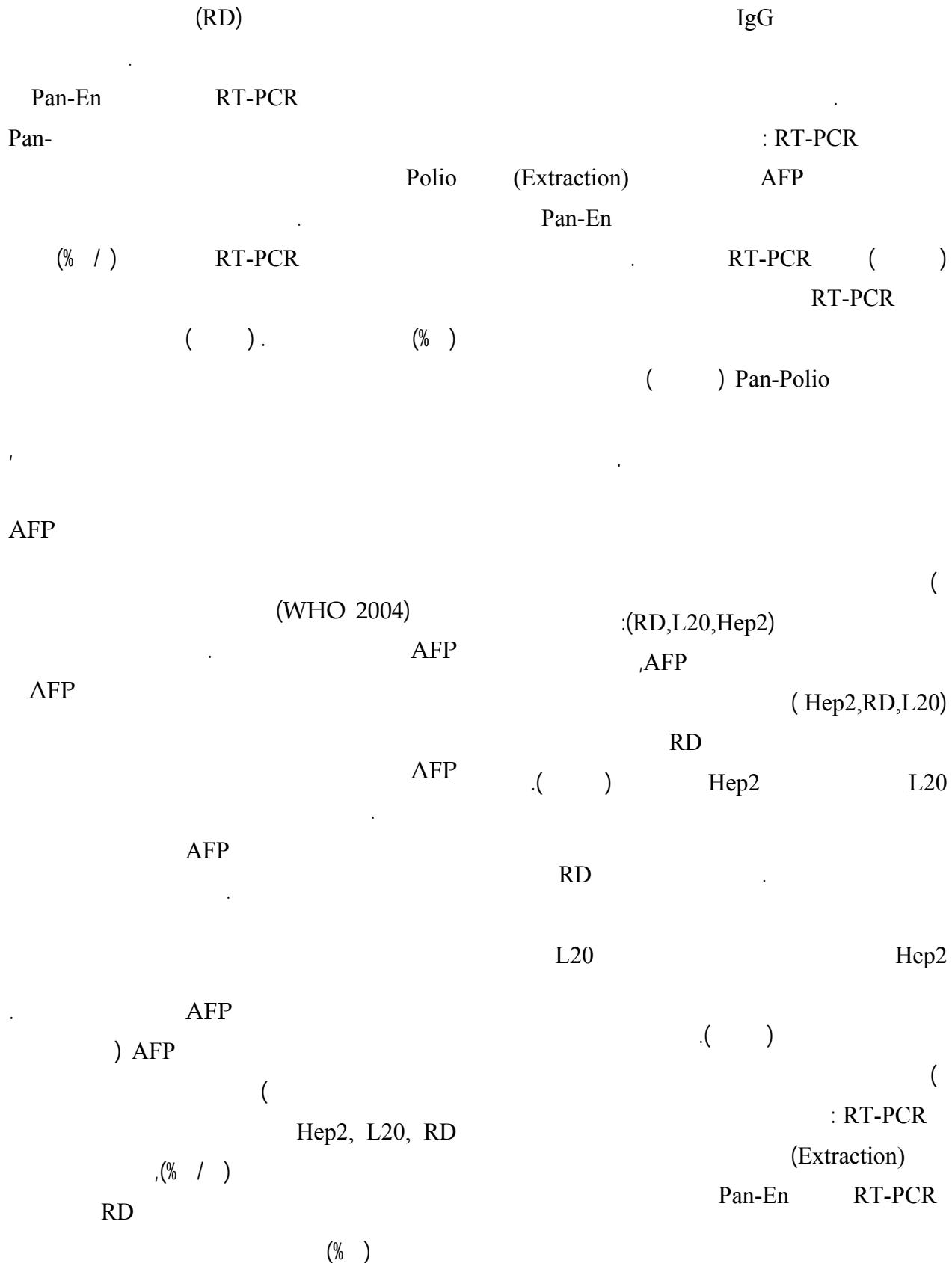
.(Rotbart et al. 2000; Santos et al. 2002)

RT-PCR

AFP

IgG

AFP



/...

(Reynolds et al. 2001)

L20 Hep2 ,RD

AFP

L20

%

AFP

•(Santos et al. 2002)

RT-PCR

AFP

RT-PCR

AFP

A

Nadkarni)

(RD)

.(et al. 2003

RD

L20

(% /)

RT-PCR

RT-

(% /)

L20 RD

Hep2

(%)

PCR

Hep2

RT-PCR

RT-PCR

%

Rotbart et al.1997; Romero)

.(1999; Santos et al. 2002

RD (WHO)

RT-PCR

% /

Hep2 RD

L20

L20 RD

RT-PCR

Gold

Standard

(Landry et al. 2003; Kessler et al. 1997)

Santos) A
 et al. 2002; Ishiko et al. 2002; landry et al.
 (Inhibitors) .(2003
 NT PCR
 ()
 RT-PCR
 AFP Pan-Ev
 RT-PCR Freeze-thaw
 Landry et al.)
 .(2003; Kessler et al. 1997
 RT- PCR
 % Pan-Ev
 PCR Pan-polio
 AFP
 ()
 RT-PCR
 Chaves et al. 2001; Solomon et al. 2003;)
 .(Grimwood et al. 2003
 RT-PCR
 AFP
 ()
 Hep2 RD
 AFP

/...

RT-PCR

Pan-Enterovirus 5'-ACACGGACACCCAAAGTAGTCGGTTCC-3' 114 base pairs
(PanEV) 5'- TCCGGCCCCCTGAATGCGGCTAATCC-3'

Pan-Poliovirus 5'-TTIAIIGCRTGICCRTTRTT-3' 79 base pairs
(Pan PV) 5'-CITAITCIMGITYGAYATG-3'

Chomczynski 1987; WHO Manual

Hep2 L20 RD

Hep2 L20 RD

() AFP

RT-PCR

/

/

RT-PCR

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