

19. 03.

2015. :

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3. . ,

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140

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Plasmodium,

PCR-a

(qPCR)

Plasmodium-a.

qPCR-

qPCR-a

qPCR-a

Plasmodium-a

qPCR).

35

200

109

2010.

2013.

qPCR

18S rRNA

qPCR-

Plasmodium-a: *P. falciparum*, *P. vivax*, *P. ovale* *P.*

malariae.

45

42

(6,7%)

109

qPCR-

51

(),

qPCR- 0,04 / μ L

(/ μ L), 100%. - qPCR,

6 / μ L *P. falciparum*, 0,30 / μ L *P. vivax*, 0,13 / μ L

P. ovale *P. malariae* 0,09 / μ L.

- qPCR- 73,3%,

90,6% *P. falciparum*.

Plasmodium-

qPCR-

($r=-0,442$, $p=0,009$,

$r^2=0,195$).

- (qPCR-)

(7,9)

(2,2) ($P<0,001$).

qPCR

,

,

Plasmodium-a.

P. vivax (Danis . 2011)

qPCR-

,

.

(. 2008)

,

,

P. vivax-

,

qPCR

PCR

(Alemayehu . 2013). qPCR

0,002 30 / μ L

0,2 5 / μ L (10, Berry . 2008; Kamau . 2013; Perandin . 2004; Veron . 2009).

(Alemayehu . 2013; Henning . 1999).

qPCR- 0,04 / μ L,

- qPCR 0,09 / μ L *P. malariae*

6 / μ L *P. falciparum*.

42 45 . (6,7%)

, , - qPCR- *P. falciparum*.

41

, *P. malariae* .

Pasricha . (2013)

(3,5%)

. Cnops . (2011)

qPCR- qPCR- 8,3%

1,3%

qPCR- .

P. falciparum 71,1%

. *P. falciparum*

(Shkurti . 2013; , 2012)

(Cnops . 2011; Paglia . 2012; Roberts . 2013)

(Shokoples . 2013).

45 , -
qPCR- 73,3% . 12
, (13,3%)
. - qPCR-
(6,7%)
13 - 33% (Golassa . 2013; Ramirez-
Olivencia . 2012, Shekalaghe . 2007) ,
. Berry- . (2008) 17%
PCR-
-falciparum 20 - 50%. Dormond . (2011)
PCR- 89%
qPCR- 86%
(Perandin . 2004) 71% (Rougemont . 2004).
P. falciparum Edson . (2010) 11,2%
. *P. falciparum*
90,6%.
-
(Brown . 1992; Myjak . 2002; Paglia .
2012) . -
. ,
5% 12%
(Mixson-Hayden . 2010; Mueller . 2007).
11 PCR-

(Bialasiewicz . 2007)
Plasmodium-a.

SCI/CC :

1. **Daki Z**, Ivovi V, Pavlovi M, Lavadinovi L, Markovi M, Djurkovi -Djakovi O (2014) Clinical significance of molecular methods in the diagnosis of imported malaria in returning travelers in Serbia. *International Journal of Infectious Diseases*, 29: 24-30. DOI: 10.1016/j.ijid.2014.08.013 (IF 2,330, 22).

Plasmodium-a,

, 21. 04. 2015.

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