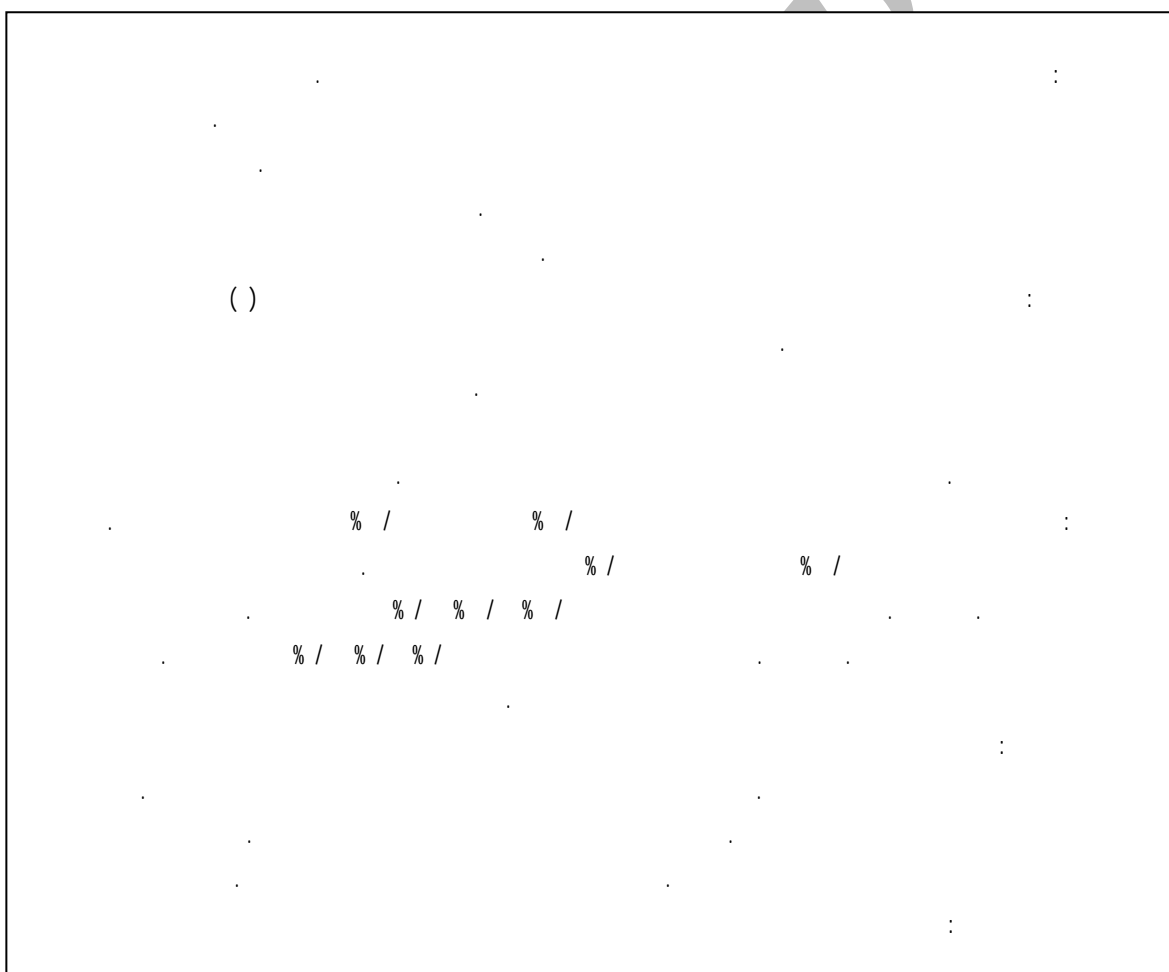




()

-



()

% / % / % / % / % / % / % / % / % / % /

Γ

()

()

()

()

/

MRHO/IR/76/ER
MHOM/In/80/DD8

()

(T9 T1)

T7 (D2) (T10 A11)

(.)

W.H.O/TDR

()

BSA

BSA

BSA

NNN

()

()

RPMI 1640

)

(

PBS

% /

% /

MHOM/IR/NADIM3



() %

()

(% /)

() (% /) ()
()

(D2) (A11) (T1)

% /

% /

(/) (/)

% /

(/)

()

()

(% /)

(% /)

()

L.amazonensis

L.panamensis

()

()

L.panamensis

() L.mexicana L.amazonensis

()

LPG

()

()

()

)

(

(% /)

(% /)

PCR

()

(p< /)

References:

- 1-Beth K.A., Rosen T.: Treatment of Cutaneous Leishmaniasis. J. Am. Acad. Dermatol, 1994; 31: 693-708.
- 2-W.H.O., Control of the leishmaniasis, Technical Report Series 793, 1990, Geneva.

- 8-Frank C.: Leishmania tropica and Leishmania infantum Responsible for Cutaneous Leishmaniasis in Greece. Trans Roy Trop Med Hyg, 1993; 87:184-5.

14-Ardehali S., Moattari A., et al:
Characterization of Leishmania
Isolated in Iran: 1.Serotyping with
species Monoclonal Antibodies. Acta
Tropica 2000; 75: 301-307.

Ph.D.

17-Mimori T., Griboldi G., et al:
Identification, using Isoenzyme
Electrophoresis and Monoclonal
Antibodies of Leishmania isolated
from humans and wild animals of
Ecuador. Am .J. Trop. Hyg, 1989;

40(2): 154-8.

18-Anamaria D.V., Rolando E., et al:
Leishmania mexicana complex:
Human infections in the republic of
Panama. Am. J. Trop. Med. Hyg,
1990; 43(6): 619.

19-Ilg T., Harbecke D., Wiese M., et al;
MONOCLONAL ANTIBODIES
DIRECTED AGAINST
LEISHMANIA SECRETED ACID
PHOSPHATASE AND
LIPOPHOSPHOGLYCAN.

PARTIAL CHARACTERIZATION
OF PRIVATED AND PUBLIC
EPITOPES, Eur J Biochem, 1993 Oct
15; 217(2): 603-15.

20-Zijlstra E.E., el-Hassan Am.:
LEISHMANIASIS IN SUDAN.
POST KALA-AZAR DERMAL
LEISHMANIASIS, Trans R Soc Trop
Med Hyg, 2001 Apr; 95 Suppl 1:S59-
79.

21-Gustavo A.S.R., Edna I., et al;
IDENTIFICATION OF
ANTIGENICALLY DISTINCT
POPULATIONS OF LEISHMANIA
(VIANNIA) GUYANENSIS FROM
MANAUS, BRAZIL, USING,
MONOCLONAL ANTIBODIES,
Acta Tropica Apr 2002; 82(1): 25-29.