

دراسة وبائية مصلية لمعدل انتشار أضرار فيروس الحلا
البسيط الأول والثاني (١ و ٢) عند الحوامل والولدان وبعض
المجموعات المرضية الأخرى في القطر العربي السوري

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الملخص

:

Human
(HIV) immunodeficiency virus
EIA
IgG
IgG % %
HSV1
% HSV2
HIV
% % , % :

*

A Seroepidemiological Study About The Prevalence Of Herpes Simplex Virus (HSV) Type 1 And 2 Antibodies In Pregnant Women, Neonates And Other Patients Groups In Syria

Ali Ibrahim*

Khalil Kouwatli*

Michel Obeid*

Abstract

The prevalence of herpes simplex virus type 1 and 2 was determined in the following groups: pregnant, neonates, herpes labial group, kidney transplantation group, patients with herpetic eye infection, cardiac catheterization group, cervical carcinoma group, patients with suspected herpes genitalis infection, and AIDS patients. EIA method was used to detect antibodies to HSV-1 and HSV-2 in sera of studied persons. The results differ from group to another. The prevalence of HSV-2 antibodies was 0% in most groups, except for AIDS group, cervical carcinoma group and patients with suspected herpes genitalis group, in which the prevalence was 4%, 7.84%, 10% respectively.

*Dep. Biochemistry and Microbiology – Fac. of Pharmacy – Damascus University.

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- VIROTECH -
.(RADIM .

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Human
:(HIV) immunodeficiency virus

HSV2(IgG) HSV1(IgG)
DPC RADIM

Methods and Kits

HSV1(IgG)

HSV2(IgG) - QUORUM)
DPC - ALFABIOTECH

)
(gpG2)

IgG

[22, 14] HSV2(IgG)

Enzyme

[21, 15, (EIA) Immunosorbent Assay

: 10, 7, 6]

Results

.()

()

.(Controls)

.()

HSV

HSV (IgM)			HSV2 (IgF)			HSV1 (IgF)				/
Result	Au/ml	O.D	result	Au/ml	O.D	result	Au/ml	O.D		
N		,	N	,	,	P	,	,		
N		,	N	,	,	P	,	,		
N	,	,	N		,	P	,	,		
P	,	,	N	,	,	P	,	,		
P		,	N	,	,	P	,	,		
P		,	N		,	P	,	,		
N		,	N		,	P	,	,		
N		,	N		,	P	,	,		
N		,	N		,	P	,	,		
N	,	,	N	,	,	P	,	,		
N	,	,	N	,	,	P	,	,		
N	,	,	N	,	,	P	,	,		
N		,	N		,	P		,		
N	,	,	N		,	P	,	,		
N	,	,	N		,	P	,	,		
N		,	N		,	P	,	,		
N		,	N		,	P	,	,		
N		,	N		,	P	,	,		

OD=OPTICAL DENISTY Au/ml=Arbitrary Unit/ml
P=Positive N=Negative

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Discussion

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.IgM
 IgM
 .[12]
 HSV1
 (%)
 IgG
 ()
 % , HSV1(IgG)
 -
 IgG
 .(P = 0.93)
 -
)
 HSV1
 HSV
 % ,
 .(%
 IgG
 IgM
 PCR

)% (

[17] %

[20]

[23]

P =

0.15

)% ,

HSV2(IgG)

IgG

:()

HSV2(IgG)		
%	[9]	Dostal et al,1977
%	[17]	Lakshimi,1993
%	[5]	Chiphangwi,1984
%	[16]	Kjaer et al,1993
%	[16]	Kjaer et al,1993

IgM

- IgG

IgG

HSV2(IgG)

IgM

-
IgG

IgG

.P = 0.017

-

IgG

:()

STDs

HSV2(IgG)

-IgG HSV2(IgG)		
%	[8]	Cunningham et al,1993
%	[3]	Bussett et al,1994
%	[18]	Langeland et al,1998
%	[13]	Hashido et al,1998

IgG

:HIV

:

HIV		
%	% ,	HSV1IgG
%	% ,	HSV2IgG

.(P = 0.735) P

HSV2

HSV

HSV2

DNA

المصادر

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