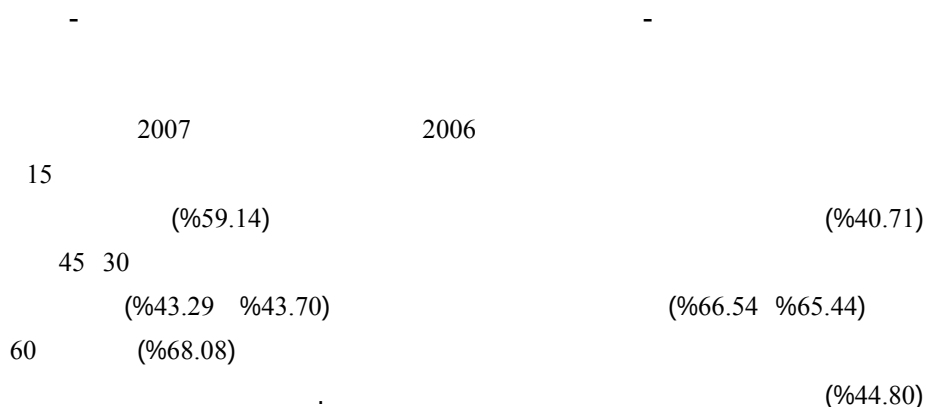


دراسة فعالية البلعمة الخلوية لمكورات السيلان لدى المطبات في مدينة الديوانية



Abstract

This study was carried out during the period from August 2006 until December 2007 to detect and evaluate the immune response against *Neisseria gonorrhoeae* infection, the average number of active cell in phagocytosis killing yeast after 15 minutes for control group (%40.71) increased those average in *Neisseria gonorrhoeae* patients to reach (%59.14). This increase was significant as compared with the control group. the average continue in increase after 30,45 minutes in the same patients to reach (%65.44,%66.54) respectively as compared with the control group (%43.70,%43.70) respectively and those increase was significant. The reached highest increase in *Neisseria gonorrhoeae* (%68.08) after 60 minutes as compared with (%44.80) for the same time of control sample and this increase was significant also.

(Play fair & Chanin ,2001)

pili

(Rythonen *et al.*,2001,Rest *et al .*, 1982)

(

Gray – Owen *et al.*,1997)

. (Hauck *et al.*,1998 , Parsons *et al.*,1982)

Antiphagocytic

(Parrsons *et al.*,1965)

2006 50 50 2007
60-15
Phagocytosis of : Metcalf *etal* (1986) killed yeast
0,05 0.5
Saccharomyces 150 Pakmaya cervisiae
60
3 / 10×1
mg⁻², c⁻² 0.2
(,30,15) 37
(60,45
:

100 × _____ =

%40.71 15 (1)
(%59.14)
(2) 0.01
(%43.70) 30
(%65.44)
0.01
45 (3)
%66.54 %43.29
30
(4) 60
% 44.80 %68.08
. 0.05

15

: (1)

•	2.26	59.14	79	41	50	<i>Neisseria gonorrhoeae</i>
	3.12	40.71	60	26	50	

30

: (2)

•	1.40	65.44	82	50	50	<i>Neisseria gonorrhoeae</i>
	3.08	43.70	60	29	50	

: •

: ■

45

: (3)

•	1.76	66.54	85	53	50	<i>Neisseria gonorrhoeae</i>
	3.48	43.29	62	26	50	

•	2.08	68.08	85	46	50	<i>Neisseria gonorrhoeae</i>
	2.11	44.80	63	33	50	

•

■

(60 , 45 , 30 , 15)

.(Metcalf *et al* ., 1986)

15

(1)

60 45 30

(Pier &Kasper ,1995)

. (Burton & Engelkirk,2000)

Phase-

(McGee *et al.*,1983)

. (Kupsch *et al.*,1993) variable opacity (Opa)

(Hedges *et al.*,1998a) IL-6

. (Chen & Gotschlich ,1996)

Nonopsonic phagocytosis

Opa

(Knepper *et al.*,1997)

. (Plummer *et al.*,1994) Opa

60

30

; Ross & Densen,1985) 60, 30

(,2005

.(2005)

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