

Escherichia coli O 157: H7

E. coli O157:H7

	%	100
98		%3.33
%7.4		%1.02

E. coli O157:H7

Enterobacteriaceae

Escherichia coli (*E. coli*)

(13 2)

H₂S

%94

E.coli

Exotoxins

Pathogenic strains

Enteroinvasive *E. coli* (EIEC) Enteropathogenic *E. coli* (EPEC)

Enteroadgregative *E. coli* (EAEC) Enterotoxigenic *E. coli* (ETEC)

<i>E. coli</i> O157:H7	Enterohaemorrhagic <i>E. coli</i> (EHEC)
	EHEC
<i>E. coli</i> (23)	1982
Shigella	Shiga-like toxin (SLT) O157:H7
galactosidase	<i>E. coli</i> dysentaria
	.(23 16 2) β-
microvilli	Cytotoxin VT/SLT
Attaching and effacing (A/E) Lesion	
	Haemorrhagic uraemic syndrome (HUS)
12) %50	%7-3
	(20
	(23 16 5 2) Haemorrhagic colitis (HC)
2 cells / 25	
	gm
	.(22 17 15 12 6 3)
7 -8	37 <i>E. coli</i>
	45,5-44 46
pH 6-7	
	.(13 1) aw 0.95

:

	Oxoid DR620	Latex agglutination (13 18)
<i>E. coli</i> O 157: H7	3.33%	100%
	1.02%	98%
	(2)	7.14%
Voges- praskeures		
		IMVCs
Metallic schine		,TSI
MUG		precipitation TCSMCA
	GUD	
	UV	
	Latex agglutination test	

E. coli O 157: H7

:(1)

%3.33	2	58	60		1
		14	14		2
		7	7		3
		13	13		4
		6	6		5
%2	2	98	100		

E. coli O 157: H7

:(2)

		12	12		1
		56	56		2
		9	9		3
		7	7		4
7.14%	1	13	14		5
1.02%	1	97	98		

E. coli 0157:H7

50	3	(10)	%6
		(4)	9
	%11.25	80	
22	(7)		
	(8)	,%9	
%5 <i>E. coli</i> 0157:H7			
,%36	(21)	,%5.26	%4
,%17	134	(22)	
		(1)	
<i>E. coli</i> 0157:H7			
	(22)		
<i>E. coli</i>			
			0157: H7
<i>E. coli</i> O157:H7			
%7.14		%1.02	98
(23)		,(2)	
%5	(8)	,%3	
5	(19)	,%4.76	
		%4	125
,%1.3		150	(1)
	248	(14)	
,%0.4		(20)	,%2.4
(9)	,%3		(23)
%20	%3.6		
<i>E.</i>			

Codex

(23).

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Prevalence of *E. coli* O157:H7 in beef meat products and dairy products sold in Baghdad local markets.

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Abstract

The objective of this survey is to know the level of *E. coli* O157:H7 contamination in beef meat products and dairy products in Baghdad local markets. Three *E. coli* O157:H7 isolate were detected from 100 samples of beef meat products and 98 samples from dairy products. Confirmed by biochemical and serological tests. The *E. coli* O157:H7 isolates were found in 2% of beef meat products and 1.02% of dairy products samples.