

# Prevalence of Shiga Toxinâ€‘Producing Escherichia col

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Prevalence of Shiga Toxinâ€“Producing <i>Escherichia coli</i> in Beef Cattle. <i>Journal of Food Protection</i> , 2005, 68, 2224-2241.	0.8	169
2	Economic Cost of Illness Due to <i>Escherichia coli</i> O157 Infections in the United States. <i>Journal of Food Protection</i> , 2005, 68, 2623-2630.	0.8	164
3	The versatile strategies of <i>Escherichia coli</i> pathotypes: a mini review. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2006, 12, 363.	0.8	29
4	Shiga toxin-producing <i>Escherichia coli</i> in ground beef and lamb cuts: Results of a one-year study. <i>International Journal of Food Microbiology</i> , 2006, 111, 1-5.	2.1	69
5	Greater Diversity of Shiga Toxin-Encoding Bacteriophage Insertion Sites among <i>Escherichia coli</i> O157:H7 Isolates from Cattle than in Those from Humans. <i>Applied and Environmental Microbiology</i> , 2007, 73, 671-679.	1.4	117
6	Explaining unexplained diarrhea and associating risks and infections. <i>Animal Health Research Reviews</i> , 2007, 8, 69-80.	1.4	22
8	Shiga toxin-producing <i>Escherichia coli</i> : An overview1. <i>Journal of Animal Science</i> , 2007, 85, E45-E62.	0.2	662
9	Ler and H-NS, Regulators Controlling Expression of the Long Polar Fimbriae of <i>Escherichia coli</i> O157:H7. <i>Journal of Bacteriology</i> , 2007, 189, 5916-5928.	1.0	59
10	<i>Escherichia coli</i> O26 in minced beef: Prevalence, characterization and antimicrobial resistance pattern. <i>International Journal of Food Microbiology</i> , 2007, 118, 218-222.	2.1	18
11	The dual role of bacteriocins as anti- and probiotics. <i>Applied Microbiology and Biotechnology</i> , 2008, 81, 591-606.	1.7	326
12	A survey of enteric bacteria and protozoans in fresh bovine faeces on New Zealand dairy farms. <i>Journal of Applied Microbiology</i> , 2008, 105, 2015-2025.	1.4	35
13	Characterization of a 3.3-kb plasmid of <i>Escherichia coli</i> O157:H7 and evaluation of stability of genetically engineered derivatives of this plasmid expressing green fluorescence. <i>Veterinary Microbiology</i> , 2008, 132, 421-427.	0.8	2
14	Detection of Verotoxigenic <i>Escherichia coli</i> O157 and O26 in food by plating methods and LAMP method: A collaborative study. <i>International Journal of Food Microbiology</i> , 2008, 122, 156-161.	2.1	68
15	Meat Biotechnology. , 2008, , .		3
16	A review of bacteriocinogenic lactic acid bacteria used as bioprotective cultures in fresh meat produced in Argentina. <i>Meat Science</i> , 2008, 79, 483-499.	2.7	152
17	Surveillance of Shiga Toxinâ€“Producing <i>Escherichia coli</i> in Beef with Effective Procedures, Independent of Serotype. <i>Foodborne Pathogens and Disease</i> , 2008, 5, 97-103.	0.8	9
18	Bovine Colostrum Contains Immunoglobulin G Antibodies against Intimin, EspA, and EspB and Inhibits Hemolytic Activity Mediated by the Type Three Secretion System of Attaching and Effacing <i>Escherichia coli</i> . <i>Vaccine Journal</i> , 2008, 15, 1208-1213.	3.2	25
19	Contribution of the Ler- and H-NS-Regulated Long Polar Fimbriae of <i>Escherichia coli</i> O157:H7 during Binding to Tissue-Cultured Cells. <i>Infection and Immunity</i> , 2008, 76, 5062-5071.	1.0	32

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20	International Comparison of Clinical, Bovine, and Environmental <i>Escherichia coli</i> O157 Isolates on the Basis of Shiga Toxin-Encoding Bacteriophage Insertion Site Genotypes. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7447-7450.	1.4	21
21	Occurrence and Characterization of <i>Escherichia coli</i> O157 and Other Serotypes in Raw Meat Products in Morocco. <i>Journal of Food Protection</i> , 2008, 71, 2082-2086.	0.8	8
22	<i>Escherichia coli</i> O157:H7 Strains That Persist in Feedlot Cattle Are Genetically Related and Demonstrate an Enhanced Ability To Adhere to Intestinal Epithelial Cells. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5927-5937.	1.4	78
23	Multistate Outbreak of <i>Escherichia coli</i> O157:H7 Infection Associated with Consumption of Packaged Spinach, August–September 2006: The Wisconsin Investigation. <i>Clinical Infectious Diseases</i> , 2009, 48, 1079-1086.	2.9	180
24	Intraperitoneal Administration of Shiga Toxin Type 2 in Rats in the Late Stage of Pregnancy Produces Premature Delivery of Dead Fetuses. <i>Placenta</i> , 2009, 30, 491-496.	0.7	11
25	Identification of Protozoa in Dairy Lagoon Wastewater that Consume <i>Escherichia coli</i> O157:H7 Preferentially. <i>PLoS ONE</i> , 2010, 5, e15671.	1.1	31
26	Shiga Toxin–Producing <i>Escherichia coli</i> (STEC). <i>Clinics in Laboratory Medicine</i> , 2010, 30, 21-45.	0.7	80
27	Treatment of cattle hides with Shellac-in-ethanol solution to reduce bacterial transferability – A preliminary study. <i>Meat Science</i> , 2010, 85, 77-81.	2.7	23
28	<i>Escherichia coli</i> O157. <i>Lancet, The</i> , 2010, 376, 1428-1435.	6.3	363
29	Sensitive Detection of Shiga Toxin 2 and Some of Its Variants in Environmental Samples by a Novel Immuno-PCR Assay. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3558-3564.	1.4	38
30	<i>Escherichia coli</i> O157:H7: Animal Reservoir and Sources of Human Infection. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 465-487.	0.8	472
31	Reduced faecal shedding of <i>Escherichia coli</i> O157:H7 in cattle following systemic vaccination with $\beta$ -intimin C280 and EspB proteins. <i>Vaccine</i> , 2011, 29, 3962-3968.	1.7	45
32	Characteristics of Shiga toxin-producing <i>Escherichia coli</i> from meat and milk products of different origins and association with food producing animals as main contamination sources. <i>International Journal of Food Microbiology</i> , 2011, 146, 99-104.	2.1	130
33	Improved bacteria detection by coupling magneto-immunocapture and amperometry at flow-channel microband electrodes. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3633-3640.	5.3	69
34	Quantification and Evaluation of Infectivity of Shiga Toxin-Encoding Bacteriophages in Beef and Salad. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3536-3540.	1.4	28
35	Tracing pathogens in fruit and vegetable production chains. , 2011, , 548-595.		10
36	Multivariate Analyses Revealed Distinctive Features Differentiating Human and Cattle Isolates of Shiga Toxin-Producing <i>Escherichia coli</i> O157 in Japan. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1495-1500.	1.8	26
37	Sensitivity of Shiga Toxin–Producing <i>Escherichia coli</i> , Multidrug-Resistant <i>Salmonella</i> , and Antibiotic-Susceptible <i>Salmonella</i> to Lactic Acid on Inoculated Beef Trimmings. <i>Journal of Food Protection</i> , 2012, 75, 1751-1758.	0.8	16

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38	Validation of Pepperoni Process for Control of Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Journal of Food Protection</i> , 2012, 75, 838-846.	0.8	13
39	Loop-Mediated Isothermal Amplification Assays for Detecting Shiga Toxin-Producing <i>Escherichia coli</i> in Ground Beef and Human Stools. <i>Journal of Clinical Microbiology</i> , 2012, 50, 91-97.	1.8	91
40	Characterization of Shiga-toxigenic <i>Escherichia coli</i> Strains from Burkina Faso. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 1015-1021.	0.8	12
41	Comparison of Decontamination Efficacy of Antimicrobial Treatments for Beef Trimmings against <i>Escherichia coli</i> O157:H7 and 6 Non-O157 Shiga Toxin-Producing <i>E. coli</i> Serogroups. <i>Journal of Food Science</i> , 2012, 77, M539-44.	1.5	24
42	Applicability of a Multiplex PCR to Detect the Seven Major Shiga Toxin-Producing <i>Escherichia coli</i> Based on Genes That Code for Serogroup-Specific O-Antigens and Major Virulence Factors in Cattle Feces. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 541-548.	0.8	88
43	A systemic vaccine based on <i>Escherichia coli</i> O157:H7 bacterial ghosts (BGs) reduces the excretion of <i>E. coli</i> O157:H7 in calves. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 169-176.	0.5	26
44	Short communication: Characterization of Shiga toxin 2-carrying bacteriophages induced from Shiga-toxigenic <i>Escherichia coli</i> isolated from Italian dairy products. <i>Journal of Dairy Science</i> , 2012, 95, 6949-6956.	1.4	2
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50	Muscle and meat: New horizons and applications for proteomics on a farm to fork perspective. <i>Journal of Proteomics</i> , 2013, 88, 58-82.	1.2	53
51	The ecological habitat and transmission of <i>Escherichia coli</i> O157:H7. <i>FEMS Microbiology Letters</i> , 2013, 341, 1-12.	0.7	81
52	Prevalence of the main food-borne pathogens in retail food under the national food surveillance system in Japan. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1450-1458.	1.1	31
53	Review of Shiga-toxin-producing <i>Escherichia coli</i> (STEC) and their significance in dairy production. <i>International Journal of Food Microbiology</i> , 2013, 162, 190-212.	2.1	217
54	Raw Milk Consumption among Patients with Non-Outbreak-related Enteric Infections, Minnesota, USA, 2001-2010. <i>Emerging Infectious Diseases</i> , 2013, 20, 38-44.	2.0	30
55	Elazığ'da Mezbahalarda Kesilen Sığırlardan ve Piyasada Satılan Koyunlardan Shiga Toksin Üreten <i>Escherichia coli</i> O157'nin İzolasyonu, Virulens Genleri ve Antibiyotiklere Duyarlılıkları. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2013, , .	0.0	4
56	Virulence Profiling of Shiga Toxin-Producing <i>Escherichia coli</i> O111:NM Isolates from Cattle. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4164-4165.	1.4	3

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57	Occurrence of non-O157 Shiga toxin-producing <i>Escherichia coli</i> in healthy cattle and goats and distribution of virulence genes among isolates. <i>African Journal of Microbiology Research</i> , 2013, 7, 1703-1707.	0.4	3
58	Shiga Toxin-Producing <i>Escherichia coli</i> in Yaks ( <i>Bos grunniens</i> ) from the Qinghai-Tibetan Plateau, China. <i>PLoS ONE</i> , 2013, 8, e65537.	1.1	32
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61	Diarrheagenic <i>Escherichia coli</i> O157, 0, 71-94.		8
62	Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> in U.S. Retail Ground Beef. <i>Journal of Food Protection</i> , 2014, 77, 1188-1192.	0.8	9
63	Prevalence and molecular characterization of sorbitol fermenting and non-fermenting <i>Escherichia coli</i> O157:H7+/H7â€“ isolated from cattle at slaughterhouse and slaughterhouse wastewater. <i>International Journal of Food Microbiology</i> , 2014, 174, 31-38.	2.1	43
64	Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Advances in Applied Microbiology</i> , 2014, 86, 145-197.	1.3	146
65	Physiopathological effects of <i>Escherichia coli</i> O157:H7 inoculation in weaned calves fed with colostrum containing antibodies to EspB and Intimin. <i>Vaccine</i> , 2014, 32, 3823-3829.	1.7	12
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69	Veterinary Public Health Approach to Managing Pathogenic Verocytotoxigenic <i>Escherichia coli</i> in the Agri-Food Chain. <i>Microbiology Spectrum</i> , 2014, 2, .	1.2	11
70	Bacteriocin: A natural alternative to synthetic antibacterial antibiotics. , 2015, , 155-174.		0
71	Impact of Infection Dose and Previous Serum Antibodies against the Locus of Enterocyte Effacement Proteins on <i>Escherichia coli</i> O157:H7 Shedding in Calves following Experimental Infection. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	4
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73	Detection of Shiga Toxins by Lateral Flow Assay. <i>Toxins</i> , 2015, 7, 1163-1173.	1.5	26
74	Update on non-O157 Shiga toxin-producing <i>E. coli</i> as a foodborne pathogen: analysis and control. , 2015, , 3-32.		1
75	Quantitative PCR measurements of <i>Escherichia coli</i> including Shiga Toxin-Producing <i>E. coli</i> (STEC) in Animal Feces and Environmental Waters. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3084-3090.	4.6	42
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78	Survival of pathogenic enterohemorrhagic <i>Escherichia coli</i> (EHEC) and control with calcium oxide in frozen meat products. <i>Food Microbiology</i> , 2015, 49, 203-210.	2.1	27
79	Molecular characterisation of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 isolates from cattle in eastern Turkey. <i>Veterinari Medicina</i> , 2016, 61, 663-668.	0.2	2
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82	Molecular characterization and antimicrobial resistance of STEC strains isolated from healthy cattle in 2011 and 2013 in Spain. <i>Epidemiology and Infection</i> , 2016, 144, 2956-2966.	1.0	9
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84	Characterization of <i>Escherichia coli</i> strains from red deer ( <i>Cervus elaphus</i> ) faeces in a Mexican protected natural area. <i>European Journal of Wildlife Research</i> , 2016, 62, 415-421.	0.7	10
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86	Molecular screening and characterization of Shiga toxin-producing <i>Escherichia coli</i> in retail foods. <i>Food Control</i> , 2016, 60, 180-188.	2.8	18
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91	Prevalence, virulence potential, and pulsed-field gel electrophoresis profiling of Shiga toxin-producing <i>Escherichia coli</i> strains from cattle. <i>Gut Pathogens</i> , 2017, 9, 22.	1.6	26
92	Shiga (vero) toxin producing <i>Escherichia coli</i> in various types of food stuffs; virulence factors, serogroups and antimicrobial resistance properties. <i>Journal of Food Safety</i> , 2017, 37, e12312.	1.1	2
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94	The <i>Escherichia coli</i> Serogroup O1 and O2 Lipopolysaccharides Are Encoded by Multiple O-antigen Gene Clusters. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 30.	1.8	22

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96	Presence of Shiga Toxin-Producing Escherichia coli (STEC) in Fresh Beef Marketed in 13 Regions of ITALY (2017). Microorganisms, 2018, 6, 126.	1.6	10
97	Validation and Application of a Real-Time PCR Assay Based on the CRISPR Array for Serotype-Specific Detection and Quantification of Enterohemorrhagic Escherichia coli O157:H7 in Cattle Feces. Journal of Food Protection, 2018, 81, 1157-1164.	0.8	4
98	Application of bacteriophages in simultaneously controlling Escherichia coli O157:H7 and extended-spectrum beta-lactamase producing Escherichia coli. Applied Microbiology and Biotechnology, 2018, 102, 10259-10271.	1.7	30
99	Multi-Year Persistence of Verotoxigenic Escherichia coli (VTEC) in a Closed Canadian Beef Herd: A Cohort Study. Frontiers in Microbiology, 2018, 9, 2040.	1.5	15
100	Food Forensics: Using Mass Spectrometry To Detect Foodborne Protein Contaminants, as Exemplified by Shiga Toxin Variants and Prion Strains. Journal of Agricultural and Food Chemistry, 2018, 66, 8435-8450.	2.4	11
101	Occurrence and characterization of seven major Shiga toxin-producing Escherichia coli serotypes from healthy cattle on cow-calf operations in South Africa. Zoonoses and Public Health, 2018, 65, 777-789.	0.9	16
102	Effective Surveillance Using Multilocus Variable-Number Tandem-Repeat Analysis and Whole-Genome Sequencing for Enterohemorrhagic Escherichia coli O157. Applied and Environmental Microbiology, 2019, 85, .	1.4	13
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108	Did the ban on serving raw beef liver in restaurants decrease Enterohemorrhagic Escherichia coli infection in Japan?: an interrupted time-series analysis. BMC Infectious Diseases, 2019, 19, 949.	1.3	4
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110	Extended persistence of general and cattle-associated fecal indicators in marine and freshwater environment. Science of the Total Environment, 2019, 650, 1292-1302.	3.9	29
111	Single-Cell-Based Digital PCR Detection and Association of Shiga Toxin-Producing Escherichia coli Serogroups and Major Virulence Genes. Journal of Clinical Microbiology, 2020, 58, .	1.8	4
112	Multiplex PCR Assays for the Detection of One Hundred and Thirty Seven Serogroups of Shiga Toxin-Producing Escherichia coli Associated With Cattle. Frontiers in Cellular and Infection Microbiology, 2020, 10, 378.	1.8	18

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114	Phenotypic and Genotypic Antimicrobial Resistance in Non-O157 Shiga Toxin-Producing Escherichia coli Isolated From Cattle and Swine in Chile. <i>Frontiers in Veterinary Science</i> , 2020, 7, 367.	0.9	14
115	Supershed Escherichia coli O157:H7 Has Potential for Increased Persistence on the Rectoanal Junction Squamous Epithelial Cells and Antibiotic Resistance. <i>International Journal of Microbiology</i> , 2020, 2020, 1-16.	0.9	4
116	Selective Killing of Shiga Toxin-Producing <i>Escherichia coli</i> with Antibody-Conjugated Chitosan Nanoparticles in the Gastrointestinal Tract. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18332-18341.	4.0	11
117	Shiga toxin-producing Escherichia coli (STEC) in bovine meat and meat products over the last 15 years in Brazil: A systematic review and meta-analysis. <i>Meat Science</i> , 2021, 173, 108394.	2.7	16
118	Occurrence, Molecular Characteristics, and Antimicrobial Resistance of <i>Escherichia coli</i> O157 in Cattle, Beef, and Humans in Bishoftu Town, Central Ethiopia. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 1-7.	0.8	13
119	Characterization of Non-O157 Shiga Toxin-Producing Escherichia coli Cultured from Cattle Farms in Xinjiang Uygur Autonomous Region, China, During 2016–2017. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 761-770.	0.8	4
120	Genomic features and antimicrobial resistance patterns of Shiga toxin-producing Escherichia coli strains isolated from food in Chile. <i>Zoonoses and Public Health</i> , 2021, 68, 226-238.	0.9	12
121	Characterization of Shiga toxin-producing <i>Escherichia coli</i> isolated from Cattle and Sheep in Xinjiang province, China, using whole-genome sequencing. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 413-422.	1.3	7
122	EHEC O111:H8 strain and norovirus GII.4 Sydney [P16] causing an outbreak in a daycare center, Brazil, 2019. <i>BMC Microbiology</i> , 2021, 21, 95.	1.3	4
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124	Identification, Shiga toxin subtypes and prevalence of minor serogroups of Shiga toxin-producing Escherichia coli in feedlot cattle feces. <i>Scientific Reports</i> , 2021, 11, 8601.	1.6	8
125	MALDI-TOF MS Based Typing for Rapid Screening of Multiple Antibiotic Resistance E. coli and Virulent Non-O157 Shiga Toxin-Producing E. coli Isolated from the Slaughterhouse Settings and Beef Carcasses. <i>Foods</i> , 2021, 10, 820.	1.9	7
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127	Eliglustat prevents Shiga toxin 2 cytotoxic effects in human renal tubular epithelial cells. <i>Pediatric Research</i> , 2022, 91, 1121-1129.	1.1	6
128	Genetic diversity and pathogenic potential of Shiga toxin-producing Escherichia coli (STEC) derived from German flour. <i>International Journal of Food Microbiology</i> , 2021, 347, 109197.	2.1	7
129	Bioprotective Cultures. , 2008, , 399-424.		4
130	CHAPTER 8. Applications of Immuno-electrochemical Detection Strategies for Food Analysis. <i>Food Chemistry, Function and Analysis</i> , 2019, , 154-174.	0.1	1



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132	Designed Coiled-Coil Peptides Inhibit the Type Three Secretion System of Enteropathogenic <i>Escherichia coli</i> . PLoS ONE, 2010, 5, e9046.	1.1	45
133	Clade 8 and Clade 6 Strains of <i>Escherichia coli</i> O157:H7 from Cattle in Argentina have Hypervirulent-Like Phenotypes. PLoS ONE, 2015, 10, e0127710.	1.1	39
134	Overexpressed Proteins in Hypervirulent Clade 8 and Clade 6 Strains of <i>Escherichia coli</i> O157:H7 Compared to <i>E. coli</i> O157:H7 EDL933 Clade 3 Strain. PLoS ONE, 2016, 11, e0166883.	1.1	12
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