Elenco delle attività di analisi del LNR per Campylobacter

Denominazione Della Prova	Matrice	Analita
Isolamento di Campylobacter spp.	Alimenti per uomo e per animali	ISO 10272.1:2006- Horizontal method for detection of Campylobacter spp. Part 1: detection method
Isolamento di Campylobacter spp. da matrici provenienti da animali	Feci, fluidi, organi ecc.	Manuale OIE parte 2 Sezione 2.9 Capitolo 2.9.3 paragrafo B punto 1c, d, e - 6 Edizione 2008
Isolamento di Campylobacter jejuni e Campylobacter coli da feci, intestino cieco e tamponi rettali	Feci, intestino cieco, tamponi rettali	Manual of Diagnostic Tests and Vaccines for Terrestrial Animals OIE parte 2 Sezione 2.9 Capitolo 2.9.3 paragrafo B punto 1c, d, e - 6 Edizione 2008.
Numerazione Campylobacter	Alimenti per uomo e per animali	ISO 10272.2:2006 : Microbiology of Food and animal feeding stuffs – Horizontal method for detection and enumeration of Campylobacter spp. - Part 2: Colony – count technique
Identificazione di Campylobacter mediante PCR multiplex	Ceppi di Campylobacter spp.	Wang G, Clark CG, Taylor TM, Pucknell C, Barton C, Price L, Woodward DL, Rodgers FG. Colony multiplex PCR assay for identification and differentiation of Campylobacter jejuni, C. coli, C. lari, C. upsaliensis, and C. fetus subsp. fetus. J Clin Microbiol. 2002 Dec;40(12):4744-7. Marshall SM, Melito PL, Woodward DL, Johnson WM, Rodgers FG, Mulvey MR. Rapid identification of Campylobacter, Arcobacter, and Helicobacter isolates by PCR-restriction fragment length polymorphism analysis of the 16S rRNA gene. J Clin Microbiol. 1999 Dec;37(12):4158-60.

Sierotipizzazione di Campylobacter jejuni median te emoagglutinazione passiva	Ceppi di Campylobacter spp.	Patton CM, Barrett TJ, Morris GK. Comparison of the Penner and Lior methods for serotyping Campylobacter spp. J Clin Microbiol. 1985 Oct;22(4):558-65.
Caratterizzazione di Campylobacter jejuni e Campylobacter coli mediante PFGE (Pulsed Field Gel Electrophoresis)	Ceppi di Campylobacter spp.	Pulsenet USA – Standard operating procedure for PULSENET PFGE of Campylobacter jejuni. Code PNL03,2013 http://www.pulsenetinternational.org/assets/PulseNet/uploads/pfge/PNL03_CampyPFGEprotocol.pdf
Caratterizzazione dei ceppi di Campylobacter jejuni e Campylobacter coli mediante S-AFLP (single-enzyme amplified fragment length polymorphism)	Ceppi di Campylobacter spp.	Champion OL, Best EL, Frost JA. Comparison of pulsed-field gel electrophoresis and amplified fragment length polymorphism techniques for investigating outbreaks of enteritis due to campylobacters. J Clin Microbiol. 2002 Jun;40(6):2263-5.
Determinazione del profilo di resistenza di Campylobacter spp. agli antimicrobici	Ceppi di Campylobacter spp.	CLSI (Clinical and Laboratory Standards Institute). 2015 Performance Standard for Antimicrobial Susceptibility Testing; M100-S25 Vol. 35 No.3. Clinical and Laboratory Standards Institute, Wayne, PA. CLSI. Methods for Antimicrobial Dilution and Disk Susceptibility Testing of Infrequently Isolated or Fastidious Bacteria. 3rd ed. CLSI guideline M45. Wayne, PA: Clinical and Laboratory Standards Institute; Wayne, PA. 2015.
Sequenziamento di geni di resistenza per chinoloni e fluorochinoloni	Ceppi di Campylobacter jejuni/coli.	Zirnstein G, Li Y, Swaminathan B, Angulo F. Ciprofloxacin resistance in Campylobacter jejuni isolates: detection of gyrA resistance mutations by mismatch amplification mutation assay PCR and DNA sequence analysis. J Clin Microbiol. 1999 Oct;37(10):3276-80.
Tipizzazione molecolare di Campylobacter jejuni mediante MLST (Multilocus sequence typing)	Ceppi di Campylobacter jejuni.	Dingle KE, Colles FM, Wareing DR, Ure R, Fox AJ, Bolton FE, Bootsma HJ, Willems RJ, Urwin R, Maiden MC. Multilocus sequence typing system for

		Campylobacter jejuni. J Clin Microbiol. 2001 Jan;39(1):14-23.
Tipizzazione molecolare di Campylobacter jejuni mediante sequenziamento della regione corta variabile del genoma della flagellina A (flaA-SVR sequencing)	Ceppi di Campylobacter jejuni/coli.	Nachamkin I, Bohachick K, Patton CM. Flagellin gene typing of Campylobacter jejuni by restriction fragment length polymorphism analysis. J Clin Microbiol. 1993 Jun;31(6):1531-6.
Sequenziamento dell'intero genoma di Campylobacter jejuni (WGS)	Ceppi di Campylobacter jejuni/C.coli	Medini, D., Serruto, D., Parkhill, J., Relman, D. A., Donati, C., Moxon, R., ... & Rappuoli, R. (2008). Microbiology in the post-genomic era. Nature Reviews Microbiology, 6(6), 419-430.