

Materials List for:

# A Ligated Intestinal Loop Model in Anesthetized Specific Pathogen Free Chickens to Study *Clostridium Perfringens* Virulence

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URL: <https://www.jove.com/video/57523>

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## Materials

| Name  | Company                       | Catalog Number | Comments  |
|---|-------------------------------|----------------|---|
| EZ-Scrub 747  | Becton Dickinson and Company  |                | 4% chlorhexidine gluconate detergent impregnated sterile brush. No catalog number available. Web address: <a href="https://www.bd.com/en-us/offerings/capabilities/infection-prevention/surgical-hand-scrubs/ez-scrub-preoperative-surgical-scrub-brushes">https://www.bd.com/en-us/offerings/capabilities/infection-prevention/surgical-hand-scrubs/ez-scrub-preoperative-surgical-scrub-brushes</a> |
| Isopropyl alcohol 70% USP 4 L   | Commercial isopropyl alcohol  | P016IP70       | Web address: <a href="http://www.comalc.com/products/">http://www.comalc.com/products/</a>  |
| Chlorexidine  | Sigma-Aldrich                 | 282227-1G      | Chlorhexidine gluconate solution, must be diluted to 4%. Web address: <a href="http://www.sigmaaldrich.com/catalog/product/aldrich/282227?lang=fr&amp;region=CA&amp;gclid=EAlaIQobChMl8vHr4_OY1wIV3rrACh2ZWQKuEAAAYAiAAEgLKx_D_BwE">http://www.sigmaaldrich.com/catalog/product/aldrich/282227?lang=fr&amp;region=CA&amp;gclid=EAlaIQobChMl8vHr4_OY1wIV3rrACh2ZWQKuEAAAYAiAAEgLKx_D_BwE</a>           |
| Surgical Drape Small (27 inch x 24 inch) with 3 x 6 inch Fenestration | Veterinary Specialty Products | 32724          | Web address: <a href="http://www.vetspecialtyproducts.com/index.cfm?fuseaction=e-commercecatalog.detail&amp;productgroup_id=15">http://www.vetspecialtyproducts.com/index.cfm?fuseaction=e-commercecatalog.detail&amp;productgroup_id=15</a>  |
| Scalpel blades #3   | Swann-Morton                  | 301            | Web address: <a href="https://www.swann-morton.com/product/16.php">https://www.swann-morton.com/product/16.php</a>  |
| Sterile saline NaCl 0.9%  | Sigma-Aldrich                 | S8776-100ML    | Web address: <a href="http://www.sigmaaldrich.com/catalog/product/sigma/s8776?lang=fr&amp;region=CA">http://www.sigmaaldrich.com/catalog/product/sigma/s8776?lang=fr&amp;region=CA</a>  |
| Vicryl 3-0  | Ethicon                       | D9003          | Polyglactin multifilament absorbable suture material. Web address: <a href="http://www.ethicon.com/healthcare-professionals/products/wound-closure/absorbable-sutures/coated-vicryl-polyglactin-910-suture">http://www.ethicon.com/healthcare-professionals/products/wound-closure/absorbable-sutures/coated-vicryl-polyglactin-910-suture</a>  |
| Syringe 1 ml with 26G needle  | Becton Dickinson and Company  | 329652         | Web address: <a href="https://www.bd.com/en-us/offerings/capabilities/diabetes-care/insulin-syringes/bd-1-ml-conventional-insulin-syringes">https://www.bd.com/en-us/offerings/capabilities/diabetes-care/insulin-syringes/bd-1-ml-conventional-insulin-syringes</a>  |
| Brain Heart Infusion  | Sigma-Aldrich                 | 1104930500     | Web address: <a href="http://www.sigmaaldrich.com/catalog/product/mm/110493?lang=fr&amp;region=CA&amp;cm_sp=Insite-">http://www.sigmaaldrich.com/catalog/product/mm/110493?lang=fr&amp;region=CA&amp;cm_sp=Insite-</a>  |

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|--|---|-------------|---|
| Eppendorf tube                           | Sigma-Aldrich                                       | T9661-500EA | Microcentrifuge tube.<br>Web address: <a href="http://www.sigmaaldrich.com/catalog/product/sigma/t9661?lang=fr&amp;region=CA&amp;gclid=EAlaIqobChMI-YizzfiY1wIVRkCGCh30SQjuEAAYAiAAEgLK5fD_BwE">http://www.sigmaaldrich.com/catalog/product/sigma/t9661?lang=fr&amp;region=CA&amp;gclid=EAlaIqobChMI-YizzfiY1wIVRkCGCh30SQjuEAAYAiAAEgLK5fD_BwE</a> |
| Formalin solution, buffered neutral, 10% | Sigma-Aldrich                                       | HT501128-4L | Ratio tissue : formalin of 1: 10 for adequate fixation. Web address: <a href="http://www.sigmaaldrich.com/catalog/product/sigma/ht501128?lang=fr&amp;region=CA">http://www.sigmaaldrich.com/catalog/product/sigma/ht501128?lang=fr&amp;region=CA</a>  |
| <i>Clostridium perfringens</i> strains   | Université de Montréal, Chaire en recherche avicole | N/A         | Specific to each laboratory, available upon request to correspondent author   |