

Materials List for:

Minimally Invasive Embryo Transfer and Embryo Vitrification at the Optimal Embryo Stage in Rabbit Model

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Materials

| Name | Company | Catalog Number | Comments |
|--|------------------------------------|-----------------|---|
| Bovine Serum Albumin (BSA) | VWR | 332 | |
| Buprenorphine hydrochloride | Alvet Escartí | 626 | To be ordered by a licensed veterinarian. |
| Buserelin Acetate | Sigma Aldrich | B3303 | |
| Chlorhexidine digluconate soap | Alvet Escartí | 0265DCCJ500B | |
| Chlorhexidine digluconate solution | Alvet Escartí | 0265DCCA500B | |
| CO ₂ | Air Liquide | 99921 | CO2 N48. |
| CO ₂ Incubator | Fisher scientific | 15385194 | |
| Dimethyl Sulfoxide | Sigma Aldrich | W387509 | |
| Dulbecco's phosphate-buffered saline (DPBS) | Sigma Aldrich | D5773 | Without calcium chloride. |
| Electric razor | Oster Golden A5 | 078005-140-002 | |
| Endoscope camera | Optomic Spain S.A | OP-714 | |
| Endoscope trocar with silicone leaflet valve | Karl Storz Endoscopia Ibérica S.A. | 30114GK | Lightweight trocar model. |
| Enrofloxacin | Alvet Escartí | 9993046 | To be ordered by a licensed veterinarian. |
| Epicraneal needle 23G | Alvet Escartí | 514056353 | Smaller needles can be also used. |
| Epidural catheter | Vygon corporate | 187.10 | |
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| Ethylene Glycol | Sigma Aldrich | 102466-M | |
| Eye ointment | Alvet Escartí | 5273 | |
| Ketamine hydrochloride | Alvet Escartí | 184 | To be ordered by a licensed veterinarian. |
| Laparoscopy equipment | Karl Storz Endoscopia Ibérica S.A. | 26003 AA | Hopkins® Laparoscope, 0°-mm straight-viewing laparoscope, 30-cm length, 5-mm working channel. |
| Light source | Optomic Spain S.A | Fibrolux 250 | |
| Liquid Nitrogen | Air Liquide | P1505XXX | |
| Mechanical CO ₂ insufflator | Karl Storz Endoscopia Ibérica S.A. | Endoflator® | |
| Meloxicam | Alvet Escartí | 9993501 | To be ordered by a licensed veterinarian. |
| Petri dishes, 35-mm | Sigma Aldrich | CLS430165-500EA | |
| Plastic dressing (Nobecutan) | IBOR medica | 7140028 | |
| Plastic Straw 0.25 mL | IMV - technologies | 6431 | |
| Povidone iodide solution | Alvet Escartí | 02656DPYS500S | |

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|-------------------------------|-------------------------------------|-------------|---|
| Scissors | ROBOZ | RS-5880 | Any regular surgical grade steel small straight scissors will work. |
| Silicone tube for insufflator | Karl Storz Endoscopia Ibérica S.A. | 20400040 | |
| Stereomicroscope | Leica | MZ16F | There are cheaper options such as Leica MZ8 or Nikon SMZ-10 or SMZ-2B, to name a few. |
| Sterile Gloves | Alvet Escartí | 087GL010075 | |
| Sterile gown | Alvet Escartí | 12261501 | |
| Sterile mask | Alvet Escartí | 058B15924B | |
| Straw Plug | IMV - technologies | 6431 | |
| Sucrose | Sigma Aldrich | S7903 | |
| Syringe, 1-mL | Fisher scientific | 11750425 | |
| Syringe, 5-mL | Fisher scientific | 11773313 | |
| Urinary catheter | IMV - technologies | 17722 | |
| Waterbath | RAYPA | BAE-4 | |
| Xylazine | Alvet Escartí | 525225 | To be ordered by a licensed veterinarian. |
| Rabbits | Universitat Politècnica de València | Line A | Other maternal lines, such as Line V or Line HP can be used. |