

### Missouri Artificial Vagina & Accessories



- Kit includes: 16" or 22" latex A/V, leather jacket, two plastic 250 cc collection bottles, bottle adapter, semen filters, filling system, A/V conditioning solution and ten disposable inner liners
- Latex A/V Liner, 16" or 22"
- A/V filling valve air and water
- One-piece latex liner with tapered cone
- Leather jacket and reinforced handle assist in collection
- Fills with 3/8" Filling System or the E-Z A/V Filler
- Regular use of Conditioning Solution for A/V Liners will reduce bladder sticking and help prevent the growth of mold and mildew
- Approximate weight when full is 12 lbs



Item	Product Description	UOM
61629	22" Missouri A/V Complete Kit	Each
61622	Leather Jacket for 22" Missouri A/V	Each
61624	Latex Liner for 22" Missouri A/V	Each
17145	Disposable A/V Liner for 22" Missouri A/V	10/Bag
17104	Insulated Neoprene A/V Cover for 22" Missouri A/V	Each
61630	16" Missouri A/V Complete Kit	Each
61625	Latex Liner 16" Missouri A/V	Each
61623	Leather Jacket for 16" Missouri A/V	Each
61636	Disposable A/V Liner for 16" Missouri A/V	10/Bag
17105	Insulated Neoprene A/V Cover for 16" Missouri A/V	Each
17120	Insulated Bottle Cover for Missouri A/V	Each
17135	3/8" Filling System for Missouri A/V	Each
61626	Semen Collection Bottle Missouri / Har-Vet™ A/V - 250 cc	2/Bag
61631	Bottle Adapter for Missouri A/V	Each
61642	A/V Semen Filter - 6" x 2-1/4"	25/Bag
17140	E-Z A/V Filler	Each

#### Storage & Care of Missouri A/V Liners

- NEVER expose to petroleum-based products
- Do not stretch or fold during storage
- Store in a COOL, DARK, DRY location

#### Cleaning of Latex Rubber

- DO NOT use harsh detergents, antibacterial or degreaser soaps. Use non-ionic soap
- RINSE WELL
- DRY latex rubber immediately! Remove all water from the bladder. Hang the liner to dry. Remove water stem while drying

Equine A/V is guaranteed free from defects for 90 days from the ship date.

### Colorado Artificial Vagina & Accessories



- Kit includes: A/V housing, water jacket liner, ten 7" strong securing bands, four plastic 250 cc collection bottles, 25 semen filters, water filling system and ten disposable inner liners
- 22-1/2" rigid one-piece plastic housing with handle
- Housing has a large 6" inner diameter
- A/V filling valve air and water
- Fills with the 1/2" Filling System or the E-Z A/V Filler
- Approximate weight when full is 25 lbs

Item	Product Description	UOM
61645	Colorado A/V Complete Kit	Each
61644	Housing Only for Colorado A/V	Each
61646	Latex Water Jacket Liner for Colorado A/V	Each
17035	Latex Collection Liner with Flared End for Colorado A/V	Each
17137	1/2" Filling System for Colorado A/V	Each
61648	7" Rubber Band for Colorado A/V	10/Bag
61649	Disposable A/V Liner without Filter for Colorado A/V	10/Bag
61642	A/V Semen Filter - 6" x 2-1/4"	25/Bag
17140	E-Z A/V Filler	Each
17121	Protective Cone - Colorado A/V	Each
61626	Semen Collection Bottle Missouri / Har-Vet™ A/V - 250 cc	2/Bag



### Har-Vet™ Artificial Vagina & Accessories

- Kit includes: A/V housing, one latex water jacket liner, two sets of strong securing bands, two plastic 250 cc collection bottles, 25 semen filters, ten disposable inner liners and instruction manual
- Similar size to the Japanese A/V; housing inside diameter 4-3/4"
- 22-1/2" rigid one-piece plastic housing with handle
- Metal filling port allows for rapid filling
- Approximate weight when full is 8 lbs



Item	Product Description	UOM
61602	Har-Vet™ A/V Complete Kit	Each
61600	Har-Vet™ A/V Housing Only	Each
61603	Har-Vet™ Latex Water Jacket Liner	Each
61606	Har-Vet™ Disposable A/V Liner - Open End	10/Bag
61609	Har-Vet™ Rubber Band - Large	2/Bag
61610	Har-Vet™ Rubber Band - Small	2/Bag
61626	Semen Collection Bottle Missouri / Har-Vet™ A/V - 250 cc	2/Bag
61642	A/V Semen Filter - 6" x 2-1/4"	25/Bag
61607	Whirl Pak® Collection Bag, 18 oz	10/Bag

### Disposable Artificial Vagina Kit

- Kit includes: 20" outer housing, inner vinyl liner, four filters, one plastic 250 cc collection bottle, four cable ties and four clamps to close water filling stem
- Housing inside diameter 6"
- Inner bladder is made of soft vinyl and is attached to the housing
- Inner bladder is filled with water
- Ideal for limited use in clinics or stables
- Collection same as a Colorado, Har-Vet™, Missouri or Japanese A/V
- Designed for single use to prevent the possibility of disease transfer
- Single use item



Item	Product Description	UOM
61640	Disposable Equine A/V Kit	Each

### Pony / Mini Artificial Vagina Complete Kit

- Kit includes: rubber A/V housing, leather jacket with handle, one latex water liner, ten disposable liners with filters, two strong securing bands and a water filling system
- A/V filling valve air and water
- Fills with the 3/8" Filling System or the E-Z A/V Filler
- Housing is 12" long with a 4" inside diameter
- For use with ponies and miniature stallions



Item	Product Description	UOM
17026	12" Pony / Mini A/V Complete Kit	Each
17106	Leather Jacket for Pony / Mini A/V	Each
17107	Latex Inner Liner for Pony / Mini A/V	Each
17109	Disposable A/V Liner with Filter for Pony / Mini A/V	10/Bag
17111	Disposable A/V Liner without Filter for Pony / Mini A/V	10/Bag
61626	Semen Collection Bottle Missouri / Har-Vet™ A/V - 250 cc	2/Bag
61642	A/V Semen Filter - 6" x 2-1/4"	25/Bag
17135	3/8" Filling System for Missouri A/V	Each
17140	E-Z A/V Filler	Each



### Standard Bovine Artificial Vagina Complete

- Complete A/V includes: optional size housing fitted with a screw cap water filling valve, one latex inner liner, two strong securing bands, one latex director cone and one graduated semen collection vial
- Housing made of high quality black rubber tubing with 2-3/4" inside diameter

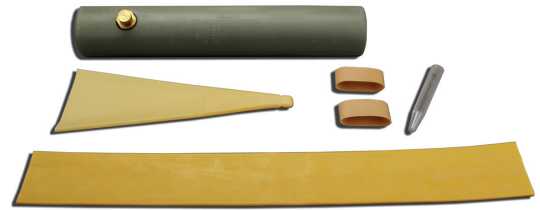
Item	Product Description	UOM
14706	Standard 14-1/2" Bovine A/V Complete	Each
14701	Standard 14-1/2" Bovine A/V Housing Only with Filling Valve	Each
14705	Standard 16-1/2" Bovine A/V Complete	Each
14700	Standard 16-1/2" Bovine A/V Housing Only with Filling Valve	Each



### Deluxe Bovine Artificial Vagina Complete

- Complete A/V includes: 16-1/2" housing, one latex inner liner, two strong securing bands, one latex director cone, one graduated semen collection vial and one water filling valve
- Housing made of molded rubber with optimal rigidity
- Smooth finish inside and out
- Rounded ends allow easy cleaning
- 5/8" water filling hole fitted with screw cap water filling valve

Item	Product Description	UOM
14709	Deluxe 16-1/2" Bovine A/V Complete	Each
14708	Deluxe 16-1/2" Bovine A/V Housing Only with Filling Valve	Each
14707	Deluxe 16-1/2" Bovine A/V Housing Only	Each



### Bovine Artificial Vagina Accessories

Item	Product Description	UOM
14610	Inner Liner, Smooth Surface Latex - 23"	Each
14651	Semen Collection Cone, Latex - 10" without Vent	Each
14655	Semen Collection Cone, Disposable Plastic - 11"	100/Box
50014	Semen Collection Cone, Disposable Plastic - 14"	25/Bag
14657	Disposable A/V Liner, 20" Bovine	10/Bag
17140	E-Z A/V Filler	Each
17142	Economy A/V Filler	Each
49101	A/V Disposable Collection Centrifuge Vial - 15 ml	100/Box
14800	A/V Filling Valve - Air & Water	Each
14710	A/V Filling Valve Screw Cap	Each
15800	A/V Air Filling Jug Pump	Each



### Ovine Artificial Vagina Complete & Accessories

- Complete A/V includes: 8" rubber A/V housing with a 2-1/4" inside diameter, air and water valve, one latex inner liner, one latex collection liner, two strong securing bands, one graduated semen collection vial and one jug pump

Item	Product Description	UOM
15010	Sheep A/V Complete	Each
15005	Sheep A/V Housing Only with Filling Valve	Each
15004	Sheep A/V Housing Only	Each
15011	Sheep A/V Inner Liner	Each



### “The Tickler”™

- Includes Electronic Control Unit fitted with vinyl protective jacket, Standard Bull Probe, Ram Probe, SLA battery charger and carrying case
- 12-Volt battery lead available
- Various probes available - bull or ram

Item	Product Description	UOM
14900	“The Tickler”™ - Electronic Control Unit (EJ6CR7) - CGS Ejaculator Kit	Each
14901	12V Battery Lead	Each
14902	12V US Battery Charger	Each
14903	Ram Probe	Each
14907	Standard Bull Probe	Each
14905	Dual Mode Bull Probe	Each
14909	Multi Mode Bull Probe	Each



### Conditioning Solution for Artificial Vagina Liners



- For use inside the bladder of the Missouri Latex Liner to prevent sticking
- Aids in the prevention of mold and mildew growth

Item	Product Description	UOM
17100	A/V Conditioning Solution - 4 oz	Each

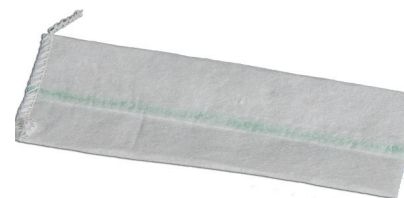


### Artificial Vagina Semen Filter



- Fits any A/V using a baby bottle for collection including Har-Vet™, Missouri, Colorado, Disposable and Pony A/V
- Used to remove debris, non-semen or seminal fluids from the ejaculate, leaving whole semen for laboratory evaluation and A.I. procedures
- Low cost
- Single use item

Item	Product Description	UOM
61642	A/V Semen Filter - 6" x 2-1/4"	25/Bag



### Semen Collection Bottle



Item	Product Description	UOM
61626	Semen Collection Bottle Missouri / Har-Vet™ A/V - 250 cc	2/Bag



### E-Z Artificial Vagina Filler



- Fits onto hose attachment
- Easy to use without getting wet
- Quick release connector for easy attachment
- Brass fittings
- Fits most A/Vs

Item	Product Description	UOM
17140	E-Z A/V Filler	Each

### Economy Artificial Vagina Filler



Item	Product Description	UOM
17142	Economy A/V Filler	Each

### Hanger for Latex Liner



- For use in properly drying and storing latex liners

Item	Product Description	UOM
17101	Hanger for Latex Liner	Each

### Valve for Air / Liquid Core Housing



- Replacement filling valve for Missouri, Colorado and Mini A/V

Item	Product Description	UOM
17800	Valve for Air / Liquid Core Housing	Each

### Stallion Condom



- Latex
- 12-3/4" long, 5-3/4" wide at base and 3-3/8" wide at top opening
- .0125" wall thickness at open end

Item	Product Description	UOM
61650	Stallion Condom	Each

### Alconox® Detergent Powder



- Concentrated detergent for removing organic contaminants
- May be used on soft metals and latex rubber

Item	Product Description	UOM
17103	Alconox® Detergent Powder, 4 lbs	Each



### Canine Semen Collection & Artificial Insemination Kit

Complete kit for the collection of canine semen.

Kit includes one each:

- Latex collection cone and 15 cc graduated vial
- Disposable 5 cc syringe
- 4" insemination pipette for small dogs
- 9" insemination pipette for large dogs
- Pair of disposable gloves
- Package of lubrication jelly
- Single use item



Item	Product Description	UOM
19250	Canine Semen Collection & Artificial Insemination Kit	Each

### Canine Disposable A/V Liner Kit & Collection Cones

A/V Liner Kit includes a disposable liner made of 2.5 mil polyethylene film attached to a 15 cc graduated vial. It may be used as a collection cone or as a liner inside a collection cone.

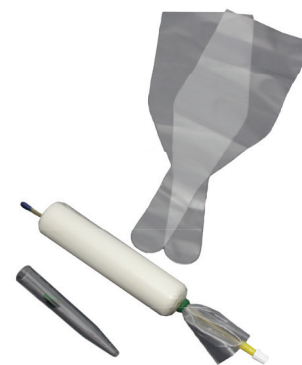
- Single use item



Item	Product Description	UOM
50015	Canine Disposable A/V Liner Kit	10/Bag
50014	Semen Collection Cone, Disposable Plastic - 14", 2.5 mil	25/Bag
14655	Semen Collection Cone, Disposable Plastic - 11", 3 mil	100/Box
14650	Semen Collection Cone, Latex - 10" with Vent	Each
14651	Semen Collection Cone, Latex - 10" without Vent	Each

### Tie-Up™ Canine Intravaginal A.I. Kits PATENTED

- Soft, plastic coated sponge simulates male penis, triggering normal physiological events in the female canine that would occur during actual breeding
- After insertion, female's vaginal contractions close down on sponge simulating actual "tying up"
- A.I. catheter runs through center of vaginal delivery device. Proximal end has non-traumatic STIP™ Tip and distal end has flex tip for syringe or cap attachment
- Vaginal contractions on sponge hold sponge in place and stop semen leakage; the contractions aspirate the semen into the uterine body cavity simulating the natural act
- Kit includes: canine disposable A/V liner, 15 cc graduated vial and Canine Intravaginal A.I. Device
- Three sizes available: 2", 4" and 6" individually or in kits
- Available non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
18200-2	Tie-Up™ Canine Intravaginal A.I. Kit, 2"	Each
18200-4	Tie-Up™ Canine Intravaginal A.I. Kit, 4"	Each
18200-6	Tie-Up™ Canine Intravaginal A.I. Kit, 6"	Each
18206-2	Tie-Up™ Canine Intravaginal A.I. Device, 2" - Gamma Irradiated	5/Bag
18206-4	Tie-Up™ Canine Intravaginal A.I. Device, 4" - Gamma Irradiated	5/Bag
18206-6	Tie-Up™ Canine Intravaginal A.I. Device, 6" - Gamma Irradiated	5/Bag
18205-2	Tie-Up™ Canine Intravaginal A.I. Device, 2" - Non-Sterile	5/Bag
18205-4	Tie-Up™ Canine Intravaginal A.I. Device, 4" - Non-Sterile	5/Bag
18205-6	Tie-Up™ Canine Intravaginal A.I. Device, 6" - Non-Sterile	5/Bag



### Infusion Pipettes



Single use pipette, individually packaged for canine artificial insemination. Pipette is 4" or 9" long with flex tip adapter to fit a syringe.

- Individually packaged
- Gamma irradiated or EtO exposed
- Single use item

Item	Product Description	UOM
26600	Infusion Pipette, 4" with Flex Tip - Gamma Irradiated	12/Bag
19020	Infusion Pipette, 9" with Flex Tip - Gamma Irradiated	25/Bag



### STIP™ Tip Canine Insemination Pipettes



Single use pipette with STIP™ Tip smooth bulb end allows for less traumatic passage of pipette without complication. Tapered tip prevents back vacuum of semen when withdrawing the pipette. Narrow outlet port is attached to a 4" or 10" pipette to deliver semen further into anterior vagina. Flex tip adapter fits onto syringe.

- Individually packaged
- Gamma irradiated or EtO exposed
- Single use item

Item	Product Description	UOM
50405	STIP™ Tip Canine Insemination Pipette, 4"	12/Bag
50400	STIP™ Tip Canine Insemination Pipette, 10"	25/Bag

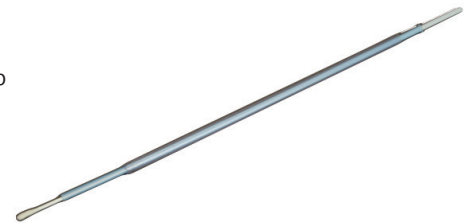


### Canine Bullet Tip Culture Swab



- Designed specifically for use in canines
- 14" double-guarded swab consists of an outer soft PVC sleeve with 'X' - perforated tip covering an inner tubular guard which houses the calcium alginate swab style collection tip
- Assists in preventing outside contaminants from affecting the sample
- Individually packaged
- Gamma irradiated or EtO exposed
- Single use item

Item	Product Description	UOM
50020	Canine Bullet Tip Culture Swab	25/Bag



### Canine Semen Extenders



Kenny Skim Milk Canine Semen Extenders provide the user with the following advantages:

- Prevents agglutination of spermatozoa so forward motility can be determined
- Canine semen extender with gentamicin helps destroy infectious pathogens
- Buffers the pH of antibiotics added to the semen
- Maintains a higher percent of forward motility over time as compared to raw semen
- Increases the insemination dose volume making it easier to handle and minimizing spermatozoa loss in equipment such as insemination pipettes
- Allows for storage of cooled semen for use up to 48 hours after collection

Item	Product Description	UOM
50420	Canine Semen Extender without Antibiotics - <b>Non-Returnable</b>	Each
50423	Canine Semen Extender with Gentamicin - <b>Non-Returnable</b>	Each



### INRA 96 Semen Extender

- Pre-mixed ready to use liquid
- Ideal for problem stallions
- Contains Gentamycin, Penicillin and Amphotericin B
- Store refrigerated for up to one week after opening
- Sterile



Item	Product Description	UOM
17553	INRA 96 Semen Extender, 200 ml - <b>Non-Returnable</b>	Each

### Har-Vet™ Semen Extenders & Accessories

- Prevents agglutination of spermatozoa so forward motility can be determined
- Helps destroy infectious pathogens when an antibiotic has been added
- Buffers the pH of antibiotics added to the semen
- Maintains a higher percent of forward motility over time as compared to raw semen
- Increases the insemination dose volume making it easier to handle and minimizing spermatozoa loss in equipment such as insemination pipettes
- Allows for storage of cooled semen for use up to 48 hours after collection
- Semen extender and sterile-filtered water available as a kit or sold separately
- Packaged in moistureproof foil to ensure stable and long lasting shelf life



Item	Product Description	UOM
01500	Har-Vet™ Semen Extender Kit with Gentamicin Sulfate - <b>Non-Returnable</b>	Each
01501	Har-Vet™ Semen Extender with Gentamicin Sulfate - Powder Only - <b>Non-Returnable</b>	Each
01502	Har-Vet™ Semen Extender Kit with Amikacin & Potassium Penicillin - <b>Non-Returnable</b>	Each
01503	Har-Vet™ Semen Extender with Amikacin & Potassium Penicillin - Powder Only - <b>Non-Returnable</b>	Each
01510	Har-Vet™ Semen Extender Kit without Antibiotics - <b>Non-Returnable</b>	Each
01511	Har-Vet™ Semen Extender without Antibiotics - Powder Only - <b>Non-Returnable</b>	Each
01520	Har-Vet™ Semen Extender Kit with Ticarcillin - <b>Non-Returnable</b>	Each
01521	Har-Vet™ Semen Extender with Ticarcillin - Powder Only - <b>Non-Returnable</b>	Each
01525	100 ml Bottled Water for Semen Extender Powder - Sterile-Filtered	25/Box
01526	92 ml Bottled Water for Semen Extender Powder - Sterile-Filtered	25/Box





### DVM Rapid Test™ I



Item	Product Description	UOM
49510	Sperm Concentration Test - Bovine, Equine & Porcine - for Original DVM Rapid Test™ I	25/Box
49511	Sperm Concentration Test - Bovine, Equine & Porcine - for Original DVM Rapid Test™ I	125/Box
49512	Sperm Concentration Test - Bovine, Equine & Porcine - for Original DVM Rapid Test™ I	1,000/Box
49509	Sperm Concentration Reagent - 25 ml - for Original DVM Rapid Test™ I	Each
49513	Sperm Concentration Reagent - 100 ml - for Original DVM Rapid Test™ I	Each
49586	Primary Turbidity Standards Kit - for Original DVM Rapid Test™ I	Each
49514	Sperm Concentration Test - Canine - for Original DVM Rapid Test™ I	25/Box

### DVM Rapid Test™ II - Analyzer



- Portable, turn key and battery-operated handheld analyzer kit
- Lightweight portable case contains all components required to perform test
- Low cost and simple to operate
- All tests may be performed in 10 minutes or less
- Proven accuracy
- Simple, one-step test procedure
- Direct reading of results; no charts needed
- Test kits sold separately
- Optional infrared router for transferring data to computer
- **DVM Rapid Test™ II - Multi-Test Analyzer Tests:**
  - ◆ Serum / Plasma IgG - Bovine, Equine and Camelid
  - ◆ Colostrum IgG - Bovine and Equine
  - ◆ Sperm Concentration - Equine
- **DVM Rapid Test™ II - Sperm Concentration Analyzer Tests:**
  - ◆ Sperm Concentration - Equine, Bovine, Porcine and Canine



\* Test Kit and Pipettes sold separately.

Item	Product Description	UOM
49030	DVM Rapid Test™ II - Multi-Test Analyzer	Each
49035	DVM Rapid Test™ II - Sperm Concentration Analyzer	Each
49586-1	Primary Turbidity Standards Kit - For DVM Rapid Test™ II	Each

### IgG Serum / Plasma & Colostrum Test Kits - Equine

Item	Product Description	UOM
49500-1	IgG Serum / Plasma Test Kit - Equine - <b>Non-Returnable, Refrigerate</b>	12/Box
49505-1	IgG Colostrum Test Kit - Equine - <b>Non-Returnable, Refrigerate</b>	12/Box

### IgG Serum / Plasma & Colostrum Test Kits - Bovine

Item	Product Description	UOM
49550-1	IgG Serum / Plasma Test Kit - Bovine - <b>Non-Returnable, Refrigerate</b>	12/Box
49555-1	IgG Colostrum Test Kit - Bovine - <b>Non-Returnable, Refrigerate</b>	12/Box

### IgG Serum / Plasma Test Kit - Camelid

Item	Product Description	UOM
49530-1	IgG Serum / Plasma Test Kit - Camelid - <b>Non-Returnable, Refrigerate</b>	12/Box

### Sperm Concentration Test - Equine

Item	Product Description	UOM
49510-1	Sperm Concentration Test - Equine, Bovine, Porcine & Canine	25/Box

### DVM Rapid Test™ II Router

Item	Product Description	UOM
49034	DVM Rapid Test™ II Router	Each

**Tip:**

Use the  
**DVM Rapid Test™ II Router**  
to easily transfer  
data from the  
**DVM Rapid Test™ II**  
to a computer!



### Pipettors & Accessories



- Tips to be used with a pipettor
- Micropipettors for laboratory use

#### Minipet Pipettors

Item	Product Description	UOM
49011	Minipet Pipettor, 5 ul	Each
49012	Minipet Pipettor, 10 ul	Each
49013	Minipet Pipettor, 25 ul	Each
49015	Minipet Pipettor, 50 ul	Each
49017	Minipet Pipettor, 100 ul	Each



#### StatPet™ Micropipette

Item	Product Description	UOM
49020	StatPet™ Micropipette, 1,000 ul	Each



#### Micropipette Tips

- Single use item

Item	Product Description	UOM
49182	Micropipette Tips, 200 ul	96/Box
49183	Micropipette Tips, 1,250 ul	96/Box



#### Cover Slips



- 22 mm x 22 mm
- No. 1 thickness

Item	Product Description	UOM
49001	Cover Slips	100/Box



#### Microscope Slides



- Clear glass
- Ground edges
- 3" x 1"
- 1 mm - 1.2 mm thickness

Item	Product Description	UOM
49000	Microscope Slides, 3" x 1"	72/Box



### Centrifuge Vial / Tube



Item	Product Description	UOM
49101	A/V Disposable Collection Centrifuge Vial - 15 ml	100/Box
27845	Centrifuge Tube - 50 ml	50/Bag



### Stallion Urinary Catheter



- Rounded tip with four side ports
- Accepts oral syringe or foley tip syringes
- Outside diameter .285"
- Length 54"
- Individually packaged and gamma irradiated or EtO exposed
- Rigid stylet for ease in insertion
- Single use item

Item	Product Description	UOM
21405	Stallion Urinary Catheter	Each



### VIP Impact™ Specimen Shipper



- Cost effective method of shipping fresh cooled semen and other temperature sensitive items
- Smaller than average overall dimensions resulting in less expensive shipping options
- Contains three mini phenolic packs and two specimen carriers to accommodate syringes, centrifuge tubes or bags
- Environmentally friendly insulated material (non-polystyrene)
- Outer box is a bold green color to stand out in priority shipments

Item	Product Description	UOM
17820	VIP Impact™ Specimen Shipper	Each



**Are You Shipping Semen?**

**See our Semen Extenders on Page 8.**



There are various methods and instruments used to culture the uterus of any large animal. The uterine culture swab is made of calcium alginate and is used primarily in equine, however is effective in all species. Calcium alginate is a special medical grade media which is soluble in body fluids. It minimizes the risk of reddening or irritation during the collection process that may be caused by the fiber particles in other culture swabs. The swab stick is designed to minimize head loss or stick breakage in the uterus. Guarded swabs have a secure scored cap or outer body that has a secondary rigid tube within the primary shaft which protects the inner swab and shaft. All swabs are single use items, individually packaged and gamma irradiated or EtO exposed.

### Tieglund Uterine Culture Swab with Soft Sheath

- 30" swab with outer tube and double-guarded with a plastic sheath
- Sheath is easily penetrated after passing through the cervix
- Calcium alginate fiber head for low pathogen toxicity
- Swab length is easily reduced for transport and plating
- Single use item



Item	Product Description	UOM
17705	Tieglund Uterine Culture Swab with Soft Sheath	25/Bag

### Tieglund Uterine Culture Swab

- 30" swab is single-guarded by an outer tube
- Calcium alginate fiber head for low pathogen toxicity
- Swab length is easily reduced for transport and plating
- Single use item

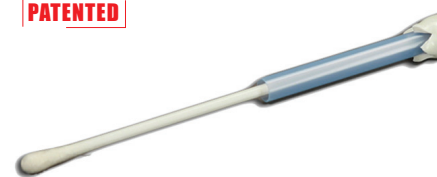


Item	Product Description	UOM
64400	Tieglund Uterine Culture Swab	25/Bag

### Double-Guarded Uterine Culture Swab with Calcium Alginate Tip

**PATENTED**

- 30" swab is double-guarded with a rigid outer shell
- Calcium alginate fiber head for low pathogen toxicity
- Swab length is easily reduced for transport and plating
- Single use item



Item	Product Description	UOM
64300	Double-Guarded Uterine Culture Swab with Calcium Alginate Tip	25/Bag

### Bullet Tip Capped Culture Swab with Calcium Alginate Tip

- 30" swab is single-guarded by the capped outer tube
- Calcium alginate fiber head for low pathogen toxicity
- Swab length is easily reduced for transport and plating
- Once swab is extended, the hinged cap may also be used for sample collection
- Single use item



Item	Product Description	UOM
17715	Bullet Tip Capped Culture Swab with Calcium Alginate Tip	25/Bag

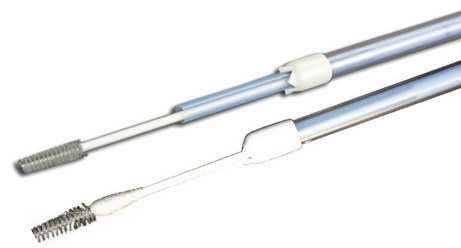


## Double-Guarded Cytology Brush & Culture Swab Combination



- 31" stick double-guarded with a rigid outer shell
- Nylon brush removes easily for cytology
- Obtain cytology and/or culture samples in one easy application
- Calcium alginate fiber head for low pathogen toxicity
- Less trauma to the uterus and decreases pathogen introduction
- Easily reduced for transport and plating
- Single use item

Item	Product Description	UOM
17726	Double-Guarded Cytology Brush	25/Bag
17725	Double-Guarded Cytology Brush Culture Swab Combination	25/Bag



## Uterine Speculum



Speculums are used to protect culture swabs, pipettes and any instrument used in uterine procedures, preventing vaginal contamination during entry. Each speculum has an extra heavy wall to prevent collapse with a rounded end to prevent insertion trauma. Individually packaged and available non-sterile or gamma irradiated.

- 18" long x 1-3/8" outer diameter
- Silver inside and out
- Rounded end is lightly lubricated
- Single use item

Item	Product Description	UOM
63510	Speculum, Gamma Irradiated	50/Box



# EMCARE™ Embryo Transfer Products

For successful embryo transfer, embryos must be able to survive outside of the body in solutions closely mimicking normal physiological conditions. The EMCARE™ product line has been developed to safely provide optimum conditions for embryos at every stage in the process of assisted reproduction. Designed for specialist veterinarians and animal reproduction researchers in the embryo transfer industry, EMCARE™ media provides ideal conditions for flushing, handling, freezing and thawing embryos, with formulas developed with the same basic composition to reduce environmental stress on the embryos. EMCARE™ media is pre-mixed, ready-to-use media that saves time and guarantees consistent quality.



See Pages 21-23 for More Information.



### Single Line Uterine Lavage Tubing

- Length 60"
- Large diameter or conventional sized tubing with foley adapter at one end and a non-vented spike at the opposite end to penetrate media bags or bottles
- Attaches to a large bore pipette or foley catheter
- Individually packaged and gamma irradiated or EtO exposed
- Available in two diameters, high and regular flow
- Single use item

Item	Product Description	UOM
17410	Single Line Lavage Tubing, Rapid Flow - .300" Inside Diameter	Each
63625	Single Line Lavage Tubing - .201" Inside Diameter	Each



### Uterine Flushing Catheter

- Length 72"
- Large bore tubing with side eyelets and open end to enable complete flushing
- Non-vented spike to connect to a bag
- Halkey-Roberts® clamp to regulate flow rate
- Individually packaged and gamma irradiated or EtO exposed
- Single use item

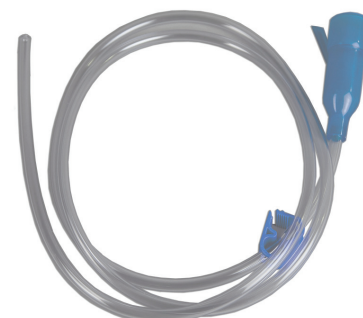
Item	Product Description	UOM
21410	Uterine Flushing Catheter	Each



### Simplex Uterine Flushing Catheter

- Length 75"
- Large bore tubing for rapid flow
- Large bore tubing with open end to enable complete flushing
- Vented funnel for large animal fluid administration
- Funnel opening is 2.6 cm inside diameter that stretches to fit over most common size bottle necks
- Halkey-Roberts® clamp to regulate flow rate
- Individually packaged and EtO exposed
- Single use item

Item	Product Description	UOM
16300	Simplex Uterine Flushing Catheter	Each



### Simplex Funnel with Foley Adapter

- Length 72"
- Large bore tubing for rapid flow
- Vented funnel for large animal fluid administration
- Funnel opening is 2.6 cm inside diameter that stretches to fit over most common size bottle necks
- Foley adapter
- Halkey-Roberts® clamp to regulate flow rate
- Individually packaged and gamma irradiated or EtO exposed
- Single use item

Item	Product Description	UOM
39020	Simplex Funnel with Foley Adapter	Each



HALKEY-ROBERTS is a registered trademark of Halkey-Roberts Corporation.



### Silicone Foley Catheters & Accessories

- Used for flushing / irrigation, medication administration and embryo collection / transfer
- Inflatable balloon
- Silicone resists deterioration and is completely inert
- Soft and pliable
- Individually packaged and gamma irradiated

Item	Product Description	UOM
21360	Silicone Flushing Catheter, 28FR, 75 cc Balloon, 2 Eyelets, Bullet Tip End - 135 cm	Each
21362	Silicone Flushing Catheter, 34FR, 100 cc Balloon, 2 Eyelets, Open End - 80 cm	Each
03940	Stepped Adapter / Tubing Connector	Each



### Y-Junctions

- Ideal for embryo transfer and uterine flushing / lavage
- 4" inflow tube connects to either a Foley or Rusch catheter
- Constructed of medical grade PVC tubing
- Star design tubing reduces kinking and works well in cold weather
- Individually packaged and gamma irradiated or EtO exposed
- Single use item

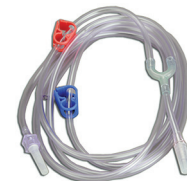
#### Short Y-Junction with Foley Adapter & Syringe Connector

Item	Product Description	UOM
04130	Short Y-Junction with Foley Adapter - 30"	Each



#### Long Y-Junction with Foley Adapter & Spike Connector

Item	Product Description	UOM
04132	Long Y-Junction with Foley Adapter - 60"	Each



#### Rapid Flow Y-Junction with Foley Adapter & Spike Connector

- Large bore tubing
- Large bore spike for rapid flow

Item	Product Description	UOM
24010	Rapid Flow Y-Junction with Foley Adapter - 60"	Each



#### Long Y-Junction with Rusch Adapter & Spike Connector

Item	Product Description	UOM
04134	Long Rusch Y-Junction with Spike - 60"	Each



**Short Y-Junction with Rusch Adapter & Syringe Connector**

Item	Product Description	UOM
04131	Short Rusch Y-Junction with Syringe Adapter - 30"	Each



**Long Y-Junction with Foley Adapter & Large Bore Spike Connector**

Item	Product Description	UOM
04133	Long Y-Junction with Foley Adapter & Large Bore Spike - 60"	Each



**Syringe Flush with Foley Connector - Short** 

Item	Product Description	UOM
24017	Syringe Flush with Foley Connector - Short	Each



**Syringe Flush with Foley Connector - Long** 

Item	Product Description	UOM
24018	Syringe Flush with Foley Connector - Long	Each



**Extension Set with Syringe Adapter & Spike** 

Item	Product Description	UOM
24050	Extension Set with Syringe Adapter & Spike, 16"	Each



**Syringe to Catheter Connector** 

Item	Product Description	UOM
24052	Syringe to Catheter Connector, 16"	Each



**3 Way Valve** 

Item	Product Description	UOM
24055	3 Way Valve - Dual Check Valve with Female Luer Lock Top & Spin-Lock	Each





### Flush Bag with Y-Junction

- Ideal for uterine flushing / lavage
- Zipper closure with wide opening makes filling easy
- Long Y-Junction with foley adapter connected to bag
- 4" inflow tube connects to foley catheter
- Individually packaged and gamma irradiated or EtO exposed
- Single use item



Item	Product Description	UOM
04124	Flush Bag with Y-Junction - 2-1/2 Liter	Each
24100	Flush Bag with Y-Junction - 6 Liter	Each

### Equine Artificial Insemination & Infusion Kits

These kits include a sleeve and an insemination pipette, with or without a syringe, and are used in artificial insemination of a mare. Individually packaged and gamma irradiated.

**Infusion Kit** includes: one 21" insemination pipette with flexible syringe adapter and one sleeve

**Artificial Insemination Kit** includes: one 21" insemination pipette with flexible syringe adapter, one sleeve and one all plastic, non-spermicidal 60 cc syringe

- Single use item



Item	Product Description	UOM
19524	Infusion Kit with Yellow Sof™ Sleeve	10/Bag
19525	Infusion Kit with Ultra-Sens™ Sleeve	10/Bag
16010	Infusion Kit with Shyr™ Pro-Max Sleeve	10/Bag
19526	Artificial Insemination Kit with 60 cc Syringe	10/Bag

### Deep Chamber Artificial Insemination Catheters

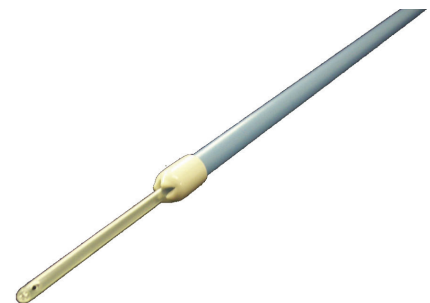
- Deep horn insemination
- Flexible shaft to follow curve of the horn
- Finger-grip control at plunger end
- STIP™ Tip bulb end
- Ease in passing through cervix
- Length 29-3/4"
- Individually packaged and gamma irradiated or EtO exposed
- Single use item



Item	Product Description	UOM
27525	Deep Chamber A.I. Catheter, 1 Exit Port	Each
27526	Deep Chamber A.I. Catheter, 2 Exit Port	Each
27527	Deep Chamber A.I. Catheter, 4 Exit Port	Each
27840	Extraction Stylet for 1/2 cc Straws	Each

### Equi-Flex Pipette with Tube Protector

- Used for deep horn insemination
- Flexible 30" insemination pipette
- Rigid pipette protector with die cut end cap reduces vaginal contamination
- Individually packaged and EtO exposed
- Single use item



Item	Product Description	UOM
31020	Equi-Flex Pipette with Tube Protector - 30"	25/Bag



### Infusion Pipettes

Pipettes are made of PVC, designed to deliver medicants, semen or other materials through the cervix and into the uterus of an animal.

#### Large Bore Flex Tip Infusion Pipettes

- Accepts oral syringe or foley tip syringes
- Inside diameter is twice the size of a regular pipette
- Individually packaged and gamma irradiated or EtO exposed; bulk non-sterile
- Single use item



Item	Product Description	UOM
19058	Infusion Pipette, Flex Tip - 25" Large Bore, Bulk, Non-Sterile	25/Bag
19059	Infusion Pipette, Flex Tip - 25" Large Bore, Gamma Irradiated or EtO Exposed	25/Bag

#### Flex Tip Infusion Pipettes

The syringe adapter is a friction fit, flexible PVC tube attached to a pipette and accepts any luer lock or luer slip syringe.

- Rounded and polished entry tip to minimize tissue trauma
- Individually packaged and gamma irradiated or EtO exposed; bulk non-sterile
- Single use item



Item	Product Description	UOM
19031	Infusion Pipette, Flex Tip - 18", Bulk, Non-Sterile	25/Bag
19051	Infusion Pipette, Flex Tip - 21", Bulk, Non-Sterile	25/Bag
19052	Infusion Pipette, Flex Tip - 25", Bulk, Non-Sterile	25/Bag
19033	Infusion Pipette, Flex Tip - 18", Gamma Irradiated or EtO Exposed	25/Bag
19053	Infusion Pipette, Flex Tip - 21", Gamma Irradiated or EtO Exposed	25/Bag
19057	Infusion Pipette, Flex Tip - 25", Gamma Irradiated or EtO Exposed	25/Bag

#### Drilled Pipettes

The syringe adapter is drilled into the PVC tube and accepts any luer slip or luer lock syringe.

- Individually packaged and gamma irradiated or EtO exposed; bulk non-sterile
- Single use item



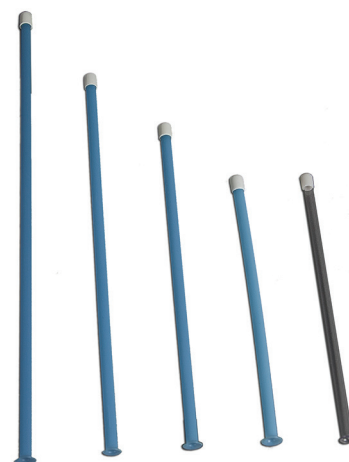
Item	Product Description	UOM
19030	Infusion Pipette, Drilled Tip - 18", Bulk, Non-Sterile	25/Bag
19050	Infusion Pipette, Drilled Tip - 21", Bulk, Non-Sterile	25/Bag
19035	Infusion Pipette, Drilled Tip - 18", Gamma Irradiated or EtO Exposed	25/Bag
19055	Infusion Pipette, Drilled Tip - 21", Gamma Irradiated or EtO Exposed	25/Bag

#### Pipette Protectors

Protector is used to protect pipette and A.I. equipment from vaginal contamination.

- Two-piece construction with cored tube at one end and scored cap at the opposite end
- Pipette and A.I. equipment penetrate through scored end
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
19065	Pipette Protector, Clear - 8"	25/Bag
19060	Pipette Protector, Blue - 8"	25/Bag
19064	Pipette Protector, Blue - 10"	25/Bag
19061	Pipette Protector, Blue - 12"	25/Bag
19063	Pipette Protector, Blue - 15"	25/Bag



### Em Con™ Filter

- 75 micron stainless steel screen at base of filter
- Includes drain tube for controlling level of fluid in filter
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
04135	Em Con™ Filter	Each



### Sure Flush™ Embryo Transfer Filter

- 74 micron nylon mesh filter
- Includes drain tube for controlling level of fluid in filter
- Vented single step system
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
23138	Sure Flush™ E.T. Filter	Each



### MAI High Volume Embryo Transfer Filter

- 64 micron raised, cylindrical nylon filter
- Contoured base for embryos to settle in center of dish
- Upon completion of flush, reservoir will maintain approximately 120 ml of media
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
04136	MAI High Volume E.T. Filter	Each



**Note:**  
Don't forget **Filter Warmers**  
found on **page 23!**

### MAI Low Volume Embryo Transfer Filter

- 64 micron cylindrical nylon filter
- Contoured base for embryos to settle
- Base may be used as searching dish
- Upon completion of flush, reservoir will maintain approximately 50 ml of media
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
04137	MAI Low Volume E.T. Filter	Each



### IVF Oocyte Aspiration Dish

- Double well aspiration receiver
- Two 25 ml chambers
- Lid designed to rotate 360°
- Ability to have two separate and unique collections
- Ability to place warm media into void to maintain temperature
- Single use item



Item	Product Description	UOM
26500	IVF Oocyte Aspiration Dish	Each

### Embryo Transfer Filter

- Angled filter along side wall
- Gridded bottom for embryo searching
- Individually packaged and gamma irradiated
- Single use item



Item	Product Description	UOM
25501	E.T. Filter	Each
25503	E.T. Filter with Y-Junction	Each

### Em Con™ IVF Oocyte Filters

Designed for the aspiration, washing and filtering of oocytes in IVF procedures

- Available for 2 mm (Blue) and 3 mm (Red) needle tubing
- Color-coded filter caps prevent filter mix-up
- Cap has 2 inlet ports to connect the filter to the vacuum pump and the needle tubing
- Seal tight compression fitting for needle tubing prevents vacuum leakage
- Disposable, one time use filter provides a cost effective way to eliminate chemical and biological contamination between donors
- Economical, consistent, high quality plastic construction
- 75 micron stainless steel screen at base of filter
- Individually packaged and gamma irradiated
- Accessories available:
  - ◆ 2 mm and 3 mm needle tubing
  - ◆ Filter warmer with viewing window
- Single use item



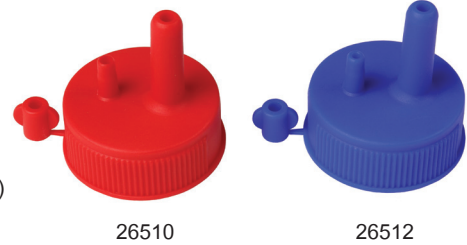
Item	Product Description	UOM
26505	Em Con™ IVF Oocyte Filter for 3 mm Needle Tubing	Each
26507	Em Con™ IVF Oocyte Filter for 2 mm Needle Tubing	Each



### IVF Threaded Centrifuge Tube Cap

The IVF Threaded Centrifuge Tube Cap is designed for Ovum Pick-Up procedures using a centrifuge tube for oocyte collection.

- Compression fitting provides tight and secure connection for needle tubing
- Enhances biosecurity
- Cost effective
- Eliminates cleaning time and expense
- Prevents toxic residue left behind from cleaning / sterilization process
- Fits standard thread on commercial 50 ml centrifuge tubes (centrifuge tube not included)
- Single use item



Item	Product Description	UOM
26510	IVF Threaded Centrifuge Tube Cap with 3 mm Needle Tubing Vacuum Port - Red	Each
26512	IVF Threaded Centrifuge Tube Cap with 2 mm Needle Tubing Vacuum Port - Blue	Each

### Em Con™ Embryo Filter Holder

Stainless steel ring provides solid support of embryo filter during embryo / oocyte collections and also allows the operator to maintain the filter at various heights.

- Stainless steel
- Attaches to ring stand rods up to 7/8" in diameter
- Fits both Em Con™ Filter (#04135) and Em Con™ IVF Oocyte Filters (#26505 & #26507)

Item	Product Description	UOM
25801	Em Con™ Embryo Filter Holder	Each



### Acrodisc® Syringe Filter

The Acrodisc® Syringe Filter is used to filter serum and media in preparation for specific procedures. Fits luer lock and luer slip syringes.

- Individually packaged and sterile
- Single use item

Item	Product Description	UOM
04701	Acrodisc® Syringe Filter, 0.20 Micron	50/Box



### Embiotic™ III

- Lyophilized newborn calf serum with Penicillin / Streptomycin used as an additive
- Contains 10 ml newborn calf serum, 10,000 units/ml Penicillin and 10,000 mcg/ml Streptomycin
- Vacuum sealed lyophilized product

Item	Product Description	UOM
04430	Embiotic™ III - 10 ml Vial	Each



### Albumin Solution

- Bovine Serum Albumin is of New Zealand origin, virus-screened and irradiated
- Water is highly purified with a low endotoxin specification
- Albumin functions as a surfactant, energy source and detoxifier for embryos during embryo transfer procedures
- Sterile-filtered

Item	Product Description	UOM
22502	Albumin Solution, 20% w/v, 20 ml - <b>Non-Returnable, Refrigerate</b>	5/Box



ACRODISC is a registered trademark of Pall Corporation.



### EMCARE™ Holding Solution

- For culturing embryos prior to transfer or freezing
- Contains New Zealand Bovine Serum Albumin
- Optimized nutrient composition improves embryo survival rate
- Available in three sizes

Item	Product Description	UOM
22506	EMCARE™ Holding Solution, 6 ml - <b>Non-Returnable, Refrigerate</b>	20/Box
22508	EMCARE™ Holding Solution, 20 ml - <b>Non-Returnable, Refrigerate</b>	5/Box
22510	EMCARE™ Holding Solution, 100 ml - <b>Non-Returnable, Refrigerate</b>	5/Box



### EMCARE™ Ethylene Glycol 1.5M

- For freezing embryos for direct embryo transfer

Item	Product Description	UOM
22512	EMCARE™ Ethylene Glycol 1.5M, 6 ml - <b>Non-Returnable, Refrigerate</b>	20/Box
22514	EMCARE™ Ethylene Glycol 1.5M, 20 ml - <b>Non-Returnable, Refrigerate</b>	5/Box



### EMCARE™ Glycerol 10% v/v

- Glycerol is a cryoprotectant that must be removed from the frozen embryo before it is transferred into a recipient

Item	Product Description	UOM
22520	EMCARE™ Glycerol 10% v/v, 6 ml - <b>Non-Returnable, Refrigerate</b>	20/Box



### EMCARE™ Sucrose 34.2% w/v 1M

- For thawing embryos where Glycerol is the cryoprotectant

Item	Product Description	UOM
22525	EMCARE™ Sucrose 34.2% w/v 1M, 6 ml - <b>Non-Returnable, Refrigerate</b>	20/Box



### EMCARE™ Thawing System

- For thawing embryos where Glycerol is the cryoprotectant
- Each kit contains 4 tubes, 6 ml each. Each kit contains one of each solution:
  - Solution #1: EMCARE™ 6% Glycerol & 10.3% w/v Sucrose
  - Solution #2: EMCARE™ 3% Glycerol & 10.3% w/v Sucrose
  - Solution #3: EMCARE™ 10.3% w/v Sucrose
  - Solution #4: EMCARE™ Holding Solution

Item	Product Description	UOM
22530	EMCARE™ Thawing System, 4 x 6 ml - <b>Non-Returnable, Refrigerate</b>	4 Kits/Box



### EMCARE™ Complete Ultra Flushing Solution

- Contains New Zealand Bovine Serum Albumin providing surfactant and embryo protective properties with binding sites absorbing plasticizers, endotoxins and proteases
- MOPS buffered flushing solution
- Contains Kanamycin Sulfate and New Zealand Bovine Serum Albumin
- Media is sterile-filtered
- Patented

Item	Product Description	UOM
22060	EMCARE™ Complete Ultra Flushing Solution, 1 Liter Bag - <b>Non-Returnable</b>	Each
22062	EMCARE™ Complete Ultra Flushing Solution, 2 Liter Bag - <b>Non-Returnable</b>	Each



### EMCARE™ BioFree Flushing Solution



- Contains no items of biological origin
- Contains PVA as a substitute for Bovine Serum Albumin
- PVA exhibits the same surfactant activity without the risk of introducing adventitious viral agents or other biochemical contaminants
- Contains Kanamycin Sulfate and PVA
- MOPS buffered flushing solution
- Media is sterile-filtered



Item	Product Description	UOM
22065	EMCARE™ BioFree Flushing Solution, 1 Liter Bag - Non-Returnable	Each
22067	EMCARE™ BioFree Flushing Solution, 2 Liter Bag - Non-Returnable	Each

### Bag & Bottle Warmers



- Flushing media stays warm in cold weather and cool in warmer temperatures
- Lightweight and durable
- Economical
- 1 & 2 liter bag warmers include carabiner and 2 Mini-gel Packs
- 6 liter bag warmer includes carabiner and 4 Mini-gel Packs

Item	Product Description	UOM
22808	Warmer for 500 cc Bottle	Each
22810	Warmer for 1 Liter Bottle	Each
22807	Warmer for 6 Liter Bag	Each
22805	Warmer for 2 Liter Bag	Each
22800	Warmer for 1 Liter Bag	Each
26054	Mini-gel Pack 4 oz	2/Bag
26055	Mini-gel Pack 4 oz	4/Bag



### Filter Warmers



- Flushing media and embryos stay warm in cold weather and cool in warmer temperatures
- Protects embryos from harmful UV light
- Windows for monitoring fluid depth
- Item #25803 has open top, pulled cord bottom. All other warmers have zippered tops
- Lightweight and durable
- Economical

Item	Product Description	UOM
25803	Warmer for Em Con™ IVF Oocyte Filter or Em Con™ Filter	Each
25804	Warmer for MAI Low Volume E.T. Filter	Each
25805	Warmer for MAI High Volume E.T. Filter	Each
25810	Warmer for E.T. Filter	Each
25811	Warmer for Sure Flush™ E.T. Filter	Each



### Embryo Transfer & Artificial Insemination Gun Warmer



- Keeps E.T. and A.I. gun warm in cold weather and cool in warmer temperatures
- Convenient shoulder strap
- Lightweight and durable
- Economical
- Includes 4 Mini-gel Packs

Item	Product Description	UOM
26050	E.T. & A.I. Gun Warmer	Each
26055	Mini-gel Pack 4 oz	4/Bag



### Square Gridded Dish

- Two-piece plastic square gridded search dish, 3"
- 100 mm x 100 mm x 15 mm
- Lid included
- Sterile
- Single use item

Item	Product Description	UOM
04041	Square Gridded Dish with Lid, 100 mm x 100 mm x 15 mm	10/Bag



### Ova Transfer Dish

- Conical bowl-shaped polystyrene dish
- Used to search retained filtered flush media for embryos or oocytes
- Total volume capacity is 120 ml
- Gamma irradiated
- Single use item

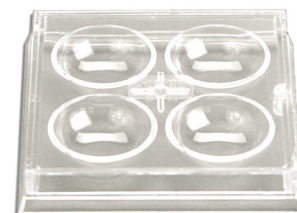
Item	Product Description	UOM
04010	Ova Transfer Dish	12/Bag



### Four Well Dish

- Two-piece polystyrene dish for holding, washing or freezing embryos
- Key-wayed lid has frosted area for plate coding
- Each well is numbered
- Ideal for four-step thawing of frozen embryos
- Large base prevents tipping
- Individually packaged and gamma irradiated
- Single use item

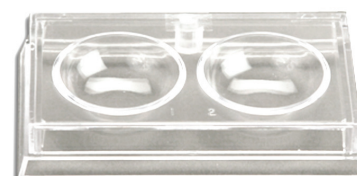
Item	Product Description	UOM
04056	Four Well Dish	10/Bag



### Double Well Dish

- Two-piece polystyrene dish for holding, washing or freezing embryos
- Curved side of wells has a 20° radius
- Large base prevents tipping and key-wayed lid has frosted area for plate coding
- Each well is numbered
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
04055	Double Well Dish	20/Bag



### Twelve Well Trypsin Dish

- Designed for in vivo and in vitro wash procedures
- Twelve - 2.5 ml volume wells
- Two - 1.2 ml volume rinse / discard wells
- Vented for gas exchange, open and closed positions
- Individually packaged and gamma irradiated
- Single use item

Item	Product Description	UOM
25150	Twelve Well Trypsin Dish, 96 mm x 96 mm	10/Bag





### Petri Dish



- Two-piece polystyrene search dish
- 10 mm x 35 mm
- Gamma irradiated
- Single use item

Item	Product Description	UOM
04020	Petri Dish - 10 mm x 35 mm	20/Bag

### ESP™ Tissue Culture Dishes



- Two-piece polystyrene culture dish
- Each well is numbered
- Individually packaged and gamma irradiated

### ESP™ Tissue Culture Dish, Square Grid

- Single use item

Item	Product Description	UOM
04042	ESP™ Tissue Culture Dish, Square Grid	10/Bag

### ESP™ Tissue Culture Dish, Six Well

- Six - 2.5 ml volume wells
- Single use item

Item	Product Description	UOM
04045	ESP™ Tissue Culture Dish, Six Well	10/Bag

### ESP™ Tissue Culture Dish, Micro Six Well

- Six - 1 ml volume wells
- Single use item

Item	Product Description	UOM
04046	ESP™ Tissue Culture Dish, Micro Six Well	10/Bag

### ESP™ Tissue Culture Dish, Four Well

- Single use item

Item	Product Description	UOM
04044	ESP™ Tissue Culture Dish, Four Well	10/Bag

### ESP™ Tissue Culture Dish, Well in Well

- Single use item

Item	Product Description	UOM
04043	ESP™ Tissue Culture Dish, Well in Well	10/Bag

### In Vitro Fertilization & Transfer Catheters



Designed to manipulate and/or move embryos in a dish or for dish to dish transfer.

#### IVF Catheters

- Inside diameter .025"
- Single use item

Item	Product Description	UOM
04183	IVF Catheter, Non-Sterile	Each
04185	IVF Catheter, Gamma Irradiated	Each

#### Tom Cat Catheter

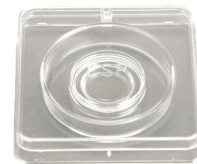
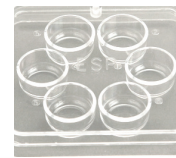
- Inside diameter .018"
- Single use item

Item	Product Description	UOM
04186	Tom Cat Catheter, 3.5FR - 4-1/2", Sterile	Each

#### Embryo Transfer Catheter with Flex Adapter

- Fits luer slip tip syringe
- Inside diameter .022"
- Single use item

Item	Product Description	UOM
04187	Embryo Transfer Catheter with Flex Adapter, Gamma Irradiated	Each



### Straws

- Two straw sizes: 1/4 cc (inside diameter .060") and 1/2 cc (inside diameter .084")
- Uses a wick-and-powder method to seal contents
- Available gamma irradiated or non-sterile and in various package sizes
- All uncut straws are 5-1/4" long, all cut straws are 4-3/4" long
- Single use item



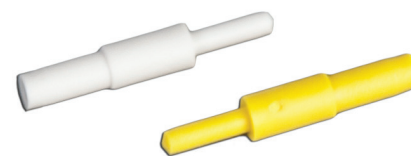
Item	Product Description	UOM
04156	Straw, Clear - 1/4 cc	100/Bag
04170	Straw, Clear - 1/4 cc Bulk	2,000/Bag
04158	Straw, Clear - 1/2 cc	100/Bag
04171	Straw, Clear - 1/2 cc Bulk	2,000/Bag
04174	Straw, Yellow - 1/4 cc Cut	100/Bag
04170Y	Straw, Yellow - 1/4 cc Bulk	2,000/Bag
04155	Straw, Yellow - 1/2 cc	100/Bag
04171Y	Straw, Yellow - 1/2 cc Bulk	2,000/Bag
04163	Straw, Clear, Cut - 1/4 cc, Gamma Irradiated	10 Bags of 5 Each
04164	Straw, Transparent Yellow, D.T. - 1/4 cc, Gamma Irradiated	10 Bags of 5 Each
04166	Straw, Clear - 1/4 cc, Gamma Irradiated	10 Bags of 5 Each
04168	Straw, Clear - 1/2 cc, Gamma Irradiated	10 Bags of 5 Each

### Adapter Plugs

Two straw plug method, one straw contains the embryo and one straw identifies the contents.

- One end fits 1/4 cc straw, opposite end fits 1/2 cc straw
- Single use item

Item	Product Description	UOM
27825WH	Adapter Plug, White - 1/4 cc to 1/2 cc	100/Bag
27825YL	Adapter Plug, Yellow - 1/4 cc to 1/2 cc	100/Bag



### Sealing Rods

One straw plug method that seals a 1/4 cc straw and allows for straw identification.

- Single use item

Item	Product Description	UOM
04154	Sealing Rod, White - 1/4 cc	100/Bag
04154Y	Sealing Rod, Yellow - 1/4 cc	100/Bag



### Straw Adapters

Used to connect a 1/2 cc or 1/4 cc straw to a syringe.

- Single use item

Item	Product Description	UOM
27810	Straw Adapter - 1/4 cc	100/Bag
27812	Straw Adapter - 1/2 cc	100/Bag
27814	Universal Straw Adapter	10/Bag



27810



27814

### Straw Cutter

Ideal for quickly and safely cutting the tips from sealed semen straws.

Item	Product Description	UOM
04160	Straw Cutter	Each



## CITO Thaw Units

The CITO Thaw Unit is an electronic unit to heat and maintain an accurate water temperature. This is a powered, glass-lined thermos with adjustable heat settings (factory preset to 96°F). The unit includes an accurate thaw monitor temperature indicator, fitted retrieval basket and power cord.

### CITO Thaw Unit, 12-120-Volt AC

Item	Product Description	UOM
18483	CITO Thaw Unit, 12-120-Volt AC, Digital	Each

### CITO Thaw Unit, 12-220-Volt AC

Item	Product Description	UOM
18485	CITO Thaw Unit, 12-220-Volt AC, Digital	Each



## Plastic Straw Tweezers

Used for removing straws from racks, goblets or thaw units.

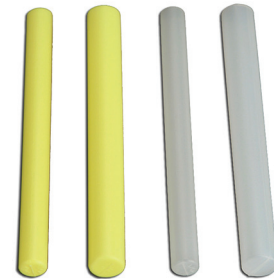
Item	Product Description	UOM
04161	Plastic Straw Tweezers	Each



## Goblets

- Plastic cylindrical holders for storing straws containing semen or embryos inside a liquid nitrogen tank
- 10 mm size holds 12 - 1/4 cc or 5 - 1/2 cc straws
- 13 mm size holds 25 - 1/4 cc or 10 - 1/2 cc straws

Item	Product Description	UOM
04910	Goblet, Clear - 10 mm	100/Bag
04909	Goblet, Yellow - 10 mm	100/Bag
04911	Goblet, Clear - 13 mm	100/Bag
04912	Goblet, Yellow - 13 mm	100/Bag



## Canes for Goblets

- Aluminum shafts hold two goblets in place inside a liquid nitrogen tank

Item	Product Description	UOM
04915	Cane for 10 mm Goblet	100/Bag
04916	Cane for 13 mm Goblet	100/Bag



## Tabs for Canes

- Identification tabs to mark or code canes
- For 10 mm & 13 mm canes

Item	Product Description	UOM
27820WH	Tabs for Canes, White	100/Bag
27820YL	Tabs for Canes, Yellow	100/Bag
27820BL	Tabs for Canes, Blue	100/Bag
27820GN	Tabs for Canes, Green	100/Bag



### Embryo Transfer Mini-Guns

- Smallest diameter at delivery tip is .060"
- Uses IMV Blue Metallic Tip Sheath with side delivery
- Uses 1/4 cc straw
- No need to cut straws when using Deep Chamber Mini-Gun

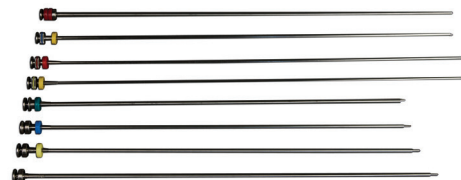
Item	Product Description	UOM
04805	Embryo Transfer Mini-Gun 21", Deep Chamber, 1/4 cc for Uncut Straws	Each
04811	Embryo Transfer Mini-Gun 21", 1/4 cc for Cut or Uncut Straws	Each
04806	Replacement Donut for Mini-Gun	Each



### Insemination Cuozzo Guns

- Straw is retained in the gun with a sheath that envelops the outer diameter of the gun, securing the straw in place
- Stainless steel
- Use with standard 1/4 cc or 1/2 cc straws

Item	Product Description	UOM
26000	ESTROTECT™ All-2-Mate™ Universal Gun, 18" for use with 1/4 cc or 1/2 cc Straws (Use Universal Unsplit Sheaths, Blue Adapter #26300)	Each
04145	Cuozzo Gun, Standard 1/4 cc - 18" (Use Universal Split Sheaths, Green Adapter and Donut or 17-1/2" STIP™ Tip Sheaths #27425)	Each
04146	Cuozzo Gun, Standard 1/2 cc - 18" (Use Universal Split Sheaths, Green Adapter and Donut or 17-1/2" STIP™ Tip Sheaths #27425)	Each
04147	Cuozzo Gun, 1/2 cc Spiral - 18" (Use Universal Unsplit Sheaths, Blue Adapter #26300)	Each
04148	Cuozzo Gun, 1/4 cc Spiral - 18" (Use Universal Unsplit Sheaths, Blue Adapter #26300)	Each
04150	Cuozzo Gun, Standard 1/4 cc - 21" (Use Split Sheath and Donut, 21" Side Metallic Sheath #04169 or 20-1/2" STIP™ Tip Sheath #27445)	Each
04152	Dual Mate™ Universal Gun, 21" for use with 1/4 cc or 1/2 cc Straws (Use 20-1/2" STIP™ Tip Sheath #27445)	Each
27802	Replacement Donut for Cuozzo Gun	Each



### STIP™ Tip Sheaths

- Tapered tip split sheath uses 1/4 cc or 1/2 cc straws
- Ease in passing through cervix
- Tip allows for leakproof seating with straw
- Conveniently fits most guns
- Restricted diameter exit orifice projects semen in desired direction (inside diameter at tip .028")
- Tip reduces trailing of semen during withdrawal
- Dual function, use with fresh or frozen semen
- Lightweight and flexible
- Single use item

Item	Product Description	UOM
27425	STIP™ Tip Universal Split Sheath - 17-1/2"	25/Bag
27445	STIP™ Tip Universal Split Sheath - 20-1/2"	25/Bag
27500	STIP™ Tip Universal Split Sheath with Plastic Chemise - 20-1/2"	25/Bag



### Chemise

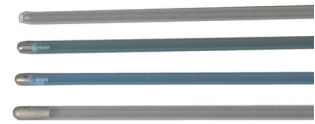
- Plastic sheath that covers a Cuozzo or implant gun
- Helps prevent vaginal contamination
- Single use item



Item	Product Description	UOM
04810	Plastic Chemise - 18"	100/Box
04808	Plastic Chemise - 21"	80/Box

### Standard, Universal & Metallic Tip Sheaths

- Outer plastic shell for a Cuozzo or implant gun retains a loaded straw within the gun
- End or side delivery for 1/4 cc or 1/2 cc straws
- Single use item

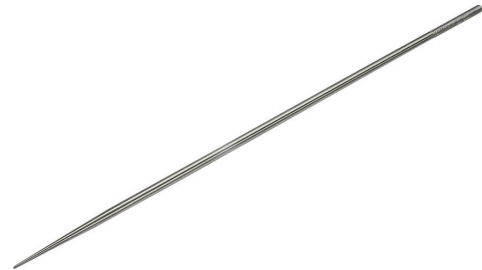


Item	Product Description	UOM
04151	Standard Split Sheath, 1/2 cc - 18"	5/Bag
04167	Standard Split Sheath, 1/2 cc without Adapter - 18"	50/Bag
04813	Standard Split Sheath, 1/2 cc without Adapter - 18" Individually Packaged	25/Bag
04165	Universal Split Sheath with Green Adapter - 18"	50/Bag
04159	Universal Unsplit Sheath with Blue Adapter - 18"	50/Bag
26300	Universal Unsplit Sheath with Blue Adapter - 18" (for use with ESTROTECT™ All-2-Mate™ Universal Gun)	50/Bag
04812	Universal Split Sheath with Green Adapter - 18" Individually Packaged	25/Bag
04817	Universal Unsplit Sheath with Blue Adapter - 18" Individually Packaged	25/Bag
04169	Metallic Tip Sheath, 1/4 cc Side Delivery, Clear - 21" (fits #04150)	5/Bag
04814	Metallic Tip Sheath, 1/4 cc Side Delivery, Blue - 21" (fits #04805 & #04811 Mini-Guns)	5/Bag
27530	Metallic Tip Sheath, 1/4 cc Side Delivery, Blue - 21" Individually Packaged, Sterile (fits #04805 & #04811 Mini-Guns)	5/Bag

### Bovine Cervical Dilator

The Bovine Cervical Dilator is a stainless steel instrument used in embryo transfer to dilate the cervix in order to pass a catheter for embryo implantation collection.

- Tapered 22" length
- Stainless steel



Item	Product Description	UOM
27100	Bovine Cervical Dilator	Each

## "The Tickler"™

### CGS Ejaculator Kit

#### Probes available for use on:

- Bulls
- Elk
- Rams
- Bucks



# See Page 4 for More Information.



### Norm-Ject® Syringes

- All plastic syringe
- Non-spermicidal and non-embryocidal
- Eccentric (off centered) tip
- Individually packaged and sterile
- Single use item

Item	Product Description	UOM
04708	HSW Norm-Ject® Syringe, 1 cc, Sterile	100/Box
04710	HSW Norm-Ject® Syringe, 3 cc, Sterile	100/Box
04712	HSW Norm-Ject® Syringe, 5 cc, Sterile	100/Box
04714	HSW Norm-Ject® Syringe, 10 cc, Sterile	100/Box
04716	HSW Norm-Ject® Syringe, 20 cc, Sterile	100/Box
04719	HSW Norm-Ject® Syringe, 30 cc, Sterile	50/Box
04720	HSW Norm-Ject® Syringe, 60 cc, Sterile	30/Box



### Pro-Ject™ 2-Piece Syringes - Luer Slip & Luer Lock Tips

A non-spermicidal, non-embryocidal syringe commonly used in artificial insemination (A.I.) and embryo transfer (E.T.) applications.

- Shorter stroke makes syringability easier
- Larger finger grips
- Economical for one time disposable use
- Two-piece all plastic syringe
- Individually packaged and gamma irradiated
- Available in luer slip or luer lock tips
- Single use item

Item	Product Description	UOM
60020	Pro-Ject™ 2-Piece Syringe, Luer Slip Tip, 15 cc, Gamma Irradiated	100/Box
60040	Pro-Ject™ 2-Piece Syringe, Luer Slip Tip, 35 cc, Gamma Irradiated	50/Box
60060	Pro-Ject™ 2-Piece Syringe, Luer Slip Tip, 60 cc, Gamma Irradiated	30/Box
60080	Pro-Ject™ 2-Piece Syringe, Luer Slip Tip, 80 cc, Gamma Irradiated	25/Box
60021	Pro-Ject™ 2-Piece Syringe, Luer Lock Tip, 15 cc, Gamma Irradiated	100/Box
60041	Pro-Ject™ 2-Piece Syringe, Luer Lock Tip, 35 cc, Gamma Irradiated	50/Box
60061	Pro-Ject™ 2-Piece Syringe, Luer Lock Tip, 60 cc, Gamma Irradiated	30/Box
60081	Pro-Ject™ 2-Piece Syringe, Luer Lock Tip, 80 cc, Gamma Irradiated	25/Box



# Looking for More Syringe Options?



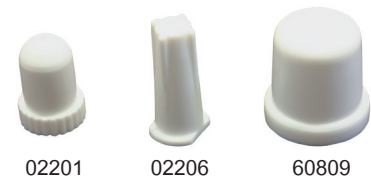
## See Pages 163-164 & 189-190.

NORM-JECT is a registered trademark of Henke Saas, Wolf GmbH.



Syringe Caps attach to syringe tip to allow for safe transport and/or dispensing of medication.

Item	Product Description	UOM
02201	Cap for Luer Lock Tip Syringe	1,000/Bag
02202	Cap for Luer Lock Tip Syringe	500/Vial
02203	Cap for Luer Lock Tip Syringe	100/Vial
02204	Cap for Luer Slip Tip Syringe	1,000/Bag
02205	Cap for Luer Slip Tip Syringe	500/Vial
02206	Cap for Luer Slip Tip Syringe	100/Vial
60807	Cap for Oral Foley Tip Syringe	1,000/Bag
60808	Cap for Oral Foley Tip Syringe	500/Vial
60809	Cap for Oral Foley Tip Syringe	100/Vial



# DVM Rapid Test™ II

## Multi-Test Analyzer

- Serum / Plasma IgG - Bovine, Equine and Camelid
- Colostrum IgG - Bovine and Equine
- Sperm Concentration - Equine
- Portable
- Lightweight
- Low cost
- Proven accuracy
- Simple, one-step test procedure
- All tests may be performed in 10 minutes or less
- Direct reading of results; no charts needed



**See Page 9 for More Information.**



### Glide AI™ Lubricant

A non-spermicidal, water soluble lubricating jelly specifically formulated for use with semen collection and reproductive procedures.

- Extra thick formulation for use with A/V liners
- Lubricant specifically formulated for semen collection
- Stays thick when warm to minimize semen and lubricant mixing together
- Non-spermicidal, non-embryocidal
- Ideal pH
- Perfect lube for collections in all species
- Water-soluble, colorless, odorless and stainless
- Irritation-free lubricant

Item	Product Description	UOM
17246	Glide AI™ Lubricating Jelly - 5 oz	Each
17247	Glide AI™ Lubricating Jelly - 16 oz	Each
17248	Glide AI™ Lubricating Jelly - Gallon	Each
04605	Pump for Gallon Jug	Each



### Glide OB™ Lubricant

A non-spermicidal, water soluble lubricating jelly specifically formulated for use with obstetrical procedures, rectal exams and general use.

- Same product as the original Glide
- Slightly thinner product than Glide AI™
- Lubricant for obstetrical work, vaginal and rectal exams
- Non-spermicidal, non-embryocidal
- Ideal pH
- Water-soluble, colorless, odorless and stainless
- Irritation-free lubricant
- 5 oz tube features an easy to use flip top cap

Item	Product Description	UOM
17236	Glide OB™ Lubricating Jelly - 5 oz	Each
17237	Glide OB™ Lubricating Jelly - 16 oz	Each
17238	Glide OB™ Lubricating Jelly - Gallon	Each
04605	Pump for Gallon Jug	Each



**GLIDE**  
**Non-spermicidal**  
**Lubricants**

**2 formulas**  
**to meet your**  
**needs**





## Shoulder-Length Plastic Sleeves - Non-Sterile & Gamma Irradiated

A complete selection of shoulder-length, disposable sleeves in assorted materials and thicknesses used for various large animal procedures. All gamma irradiated sleeves are individually packaged.

### Ultra-Sens™ Sleeves

- 1 mil copolymer
- Length 36"
- Super sensitive feel
- Clear
- Non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
19535	Ultra-Sens™ Sleeve - 1 mil	100/Box
19532	Ultra-Sens™ Sleeve - Individually Packaged & Gamma Irradiated	25/Bag

### Yellow Sof™ Sleeves

- 1 mil copolymer
- Length 36"
- Super sensitive feel
- Non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
32206	Yellow Sof™ Sleeve - 1 mil	50/Bag
19225	Yellow Sof™ Sleeve - Individually Packaged & Gamma Irradiated	25/Bag

### Shyr™ Pro-Max Sleeves

- 1.25 mil polyethylene
- Length 35"
- For a large hand
- Non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
19205	Shyr™ Pro-Max Sleeve, Grey - 1.25 mil	100/Bag
19222	Shyr™ Pro-Max Sleeve, Grey - Individually Packaged & Gamma Irradiated	25/Bag

### Shyr™ Professional Sleeves

- 1.25 mil polyethylene
- Length 35"
- For a small hand
- Non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
19200	Shyr™ Professional Sleeve, Green - 1.25 mil	100/Bag
19220	Shyr™ Professional Sleeve, Green - Individually Packaged & Gamma Irradiated	25/Bag



### Poly Sens Sleeve, Blue

- 1.25 mil polyethylene
- Length 35"
- Non-sterile
- Single use item



Item	Product Description	UOM
32216	Poly Sens Sleeve, Blue - 1.25 mil	100/Bag

### Disposable Sleeve

- 1.25 mil polyethylene
- Length 35"
- Non-sterile
- Single use item



Item	Product Description	UOM
32000	Disposable Sleeve, Clear - 1.25 mil	100/Box

### Magnum Sleeve, Yellow

- 1.10 mil copolymer
- Length 39"
- Extremely sensitive feel
- Non-sterile
- Single use item



Item	Product Description	UOM
32210	Magnum Sleeve, Yellow - 1.10 mil	100/Bag

### Magnum Sleeve, Brown

- 1.25 mil copolymer
- Length 39"
- High sensitivity and durability
- Non-sterile
- Single use item



Item	Product Description	UOM
32213	Magnum Sleeve, Brown - 1.25 mil	100/Bag



### Gripper™ Shoulder-Length Plastic Sleeves - Non-Sterile & Gamma Irradiated



Disposable sleeve with a comfortable elastic band that retains the disposable sleeve onto the user's arm without the use of shrouds, hemostats or other devices. Simple yet effective for maintaining sleeve positioning.

- Ideal for prolonged use
- Available non-sterile, bulk or gamma irradiated, individually packaged

### Gripper™ Ultra-Sens™ Sleeves

- 1 mil copolymer
- Length 36"
- Super sensitive feel
- Clear
- Non-sterile or gamma irradiated
- Single use item



Item	Product Description	UOM
32100	Gripper™ Ultra-Sens™ Sleeve - 1 mil	25/Bag
32110	Gripper™ Ultra-Sens™ Sleeve - Individually Packaged & Gamma Irradiated	25/Bag

Individually packaged & gamma irradiated.

### Gripper™ Yellow Sof™ Sleeve

- 1 mil copolymer
- Length 36"
- Super sensitive feel
- Non-sterile
- Bulk
- Single use item



Item	Product Description	UOM
19300	Gripper™ Yellow Sof™ Sleeve - 1 mil	25/Bag

### Latex OB Sleeves

Shoulder-length sleeves are made of latex material for arm and shoulder protection with a latex glove glued directly to the latex sleeve. A retention strap is affixed to the sleeve's shoulder to secure the sleeve onto the user's body.

Item	Product Description	UOM
32052	Latex OB Sleeve with Shoulder Strap - <b>Made to order</b>	Each
32054	Latex OB Sleeve & Glove with Shoulder Strap - Large - <b>Made to order</b>	Each
32055	Latex OB Sleeve & Glove with Shoulder Strap - X-Large - <b>Made to order</b>	Each



### Ultra Sens™ Ultrasound Probe Cover



Item	Product Description	UOM
52600	Ultra Sens™ Ultrasound Probe Cover	25/Bag



### ProBang™ Uterine Baton

**Simplifies retracting and replacing an everted uterus in dairy and beef cows**

The ProBang™ Uterine Baton is an essential instrument used to manually replace a prolapsed uterus post calving in dairy and beef cows. The unique design consists of two blunted bulbous ends and a plastic or stainless steel shaft, which acts as a third arm for the practitioner while replacing the everted uterus into the patient's body cavity.

- Bulb ends are uniquely designed for size and surface area when in contact with the uterus and user
- Either bulb may be used for the uterus while the other is placed against the abdomen of the user
- Baton may be used on a patient standing or in a down position
- Plastic bulbs are welded to shaft and are solid and impervious for ease in maintenance
- Two batons available:
  - ◆ Lightweight: Plastic shaft, .85 lbs
  - ◆ Heavyweight: Stainless steel shaft, 3.30 lbs

Item	Product Description	UOM
19002HW	ProBang™ Uterine Baton - Heavyweight	Each
19002LW	ProBang™ Uterine Baton - Lightweight	Each



### Breech Retractor™

Stainless steel instrument used to aid in the reposition of a breech presentation of a fetus.

- Length 35-1/2"
- Blunted, rounded tip with a circular stop approximately six inches from the end is used by inserting the instrument tip into the fetus' rectum
- Circular stop on the instrument prevents over insertion and potential trauma to rectal walls. With physical force pushing the fetus anteriorly, the practitioner attains a physical advantage for repositioning the fetus for birth

Item	Product Description	UOM
17040	Breech Retractor™	Each



### Ellis Uterine Detorsion Rod

Stainless steel instrument used to correct torsion or rotation of the uterus that may restrict the fetus from passing through the birth canal.

- Length 36-3/4"
- Rod shaft will not twist during use
- Single eyelet end for fetal feet manipulation
- Opposite end features groove plates for attachment of OB chains

Item	Product Description	UOM
17010	Ellis Uterine Detorsion Rod	Each



### Fetal Repeller

Stainless steel instrument used to aid in the correction of wry-neck or head-back birth position of fetus.

- Length 35-1/2" with a handle at one end and U-shaped yoke at the other end
- U-shaped yoke is placed on the shoulder opposite of the neck and head direction
- With even force placed on the instrument, a practitioner has a physical advantage in repositioning the fetus' head for delivery

Item	Product Description	UOM
17042	Fetal Repeller	Each

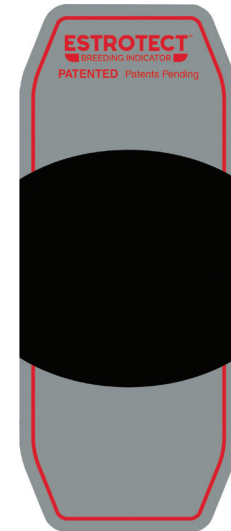


## ESTROTECT™ Breeding Indicator with Breeding Bullseye™ ESTROTECT™ **PATENTED**

The newly redesigned ESTROTECT™ Breeding Indicator features patented Breeding Bullseye™ technology that indicates when cows are ready to breed, helps confirm pregnancies and provides pinpoint timing for A.I. protocols.

The precision-designed Breeding Bullseye™ takes all of the guesswork out of your breeding program. Simply, when the Breeding Bullseye™ - or the equivalent amount - is rubbed off, it is time to breed.

Item	Product Description	UOM
78010	ESTROTECT™ Breeding Indicator with Breeding Bullseye™ - Red / Orange, 50 Count	Each
78019	ESTROTECT™ Breeding Indicator with Breeding Bullseye™ - Blue, 50 Count	Each
78016	ESTROTECT™ Breeding Indicator with Breeding Bullseye™ - Green, 50 Count	Each
78013	ESTROTECT™ Breeding Indicator with Breeding Bullseye™ - Fuchsia, 50 Count	Each
78022	ESTROTECT™ Breeding Indicator with Breeding Bullseye™ - Yellow, 50 Count	Each
78400	ESTROTECT™ Rubber Brush	Each
78500	ESTROTECT™ Cleaning Cloth	Each



## ESTROTECT™ Heat Detectors ESTROTECT™

The ESTROTECT™ Heat Detector is an economical, simple to use and highly effective heat detection aid. It features simple “scratch-off” technology for superior results in heat detection programs. Available in three fluorescent colors - red / orange, green and fuchsia. ESTROTECT™ Heat Detectors are a management tool for artificial insemination breeding programs, recipients and donors, as well as natural breeding programs.

- Unequaled accuracy
- No messy glue, easy to use
- Cost effective
- Detects standing heat as good as a bull
- Aids in determining estrus cycling, puberty status and pregnancy
- Visit [www.estroTECT.com](http://www.estroTECT.com) to view recent university studies validating the effectiveness of ESTROTECT™

Item	Product Description	UOM
78000	ESTROTECT™ Red / Orange, 50 Count	Each
78200	ESTROTECT™ Green, 50 Count	Each
78300	ESTROTECT™ Fuchsia, 50 Count	Each
78400	ESTROTECT™ Rubber Brush	Each
78500	ESTROTECT™ Cleaning Cloth	Each



### Just how effective are ESTROTECT™ Heat Detectors?

A 2005 South Dakota State University study showed heat detection accuracy using ESTROTECT™ Heat Detector scratch-off technology to be greater than 90% comparable to vigorous visual observation (every 3 hours) and penile deviated bulls. There is simply no heat detection product that effectively shows evidence of multiple mountings other than ESTROTECT™ Heat Detectors.





# Glide AI™ & Glide OB™ Lubricants

Item #17247



Item #17248



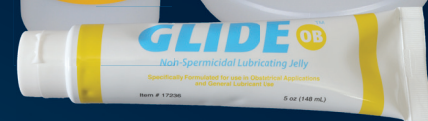
Item #17237



Item #17238



Item #17246



Item #17236

## GLIDE AI™ LUBRICANT

- Specifically formulated for use in **Semen Collection and Reproductive Procedures**
- Thicker consistency formulated to prevent contact with collected semen in collection sleeve
- Perfect lube for collection in all species
- Non-spermicidal, non-embryocidal
- Ideal pH
- Water-soluble, colorless, odorless and stainless
- Irritation-free lubricant

## GLIDE OB™ LUBRICANT

- Specifically formulated for **General Use and Obstetrical Applications**
- Non-spermicidal, non-embryocidal
- Ideal pH
- Water-soluble, colorless, odorless and stainless
- Irritation-free lubricant

**BOTH PRODUCTS AVAILABLE IN 3 SIZES!**

Item	Product Description	UOM
17246	Glide AI™ Lubricating Jelly - 5 oz	Each
17247	Glide AI™ Lubricating Jelly - 16 oz	Each
17248	Glide AI™ Lubricating Jelly - 1 Gallon	Each
04605	Pump for Gallon Jug	Each

Item	Product Description	UOM
17236	Glide OB™ Lubricating Jelly - 5 oz	Each
17237	Glide OB™ Lubricating Jelly - 16 oz	Each
17238	Glide OB™ Lubricating Jelly - 1 Gallon	Each
04605	Pump for Gallon Jug	Each

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