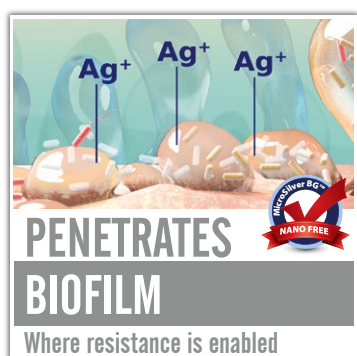


When it comes to managing bacterial resistance,  
skin and ear conditions adjunctively:

# THERE'S NOW A MICROSILVER LINING

## MicroSilver BG™



MicroSilver BG™ (Antibiofilm), Ceramide III (Lipid Barrier),  
Chlorhexidine (Antimicrobial) and 'azoles (Antifungal)



MicroSilver BG™



Ceramide III

## BETTER TOGETHER - ENHANCED EFFICACY

*Other Innovative Technology Featured Inside:*

MICELLAR  
technology

AyūFlex™

UC-II®

biovoplex

STIMU-TEX® AS

Ginkgo biloba

VitaBerry®

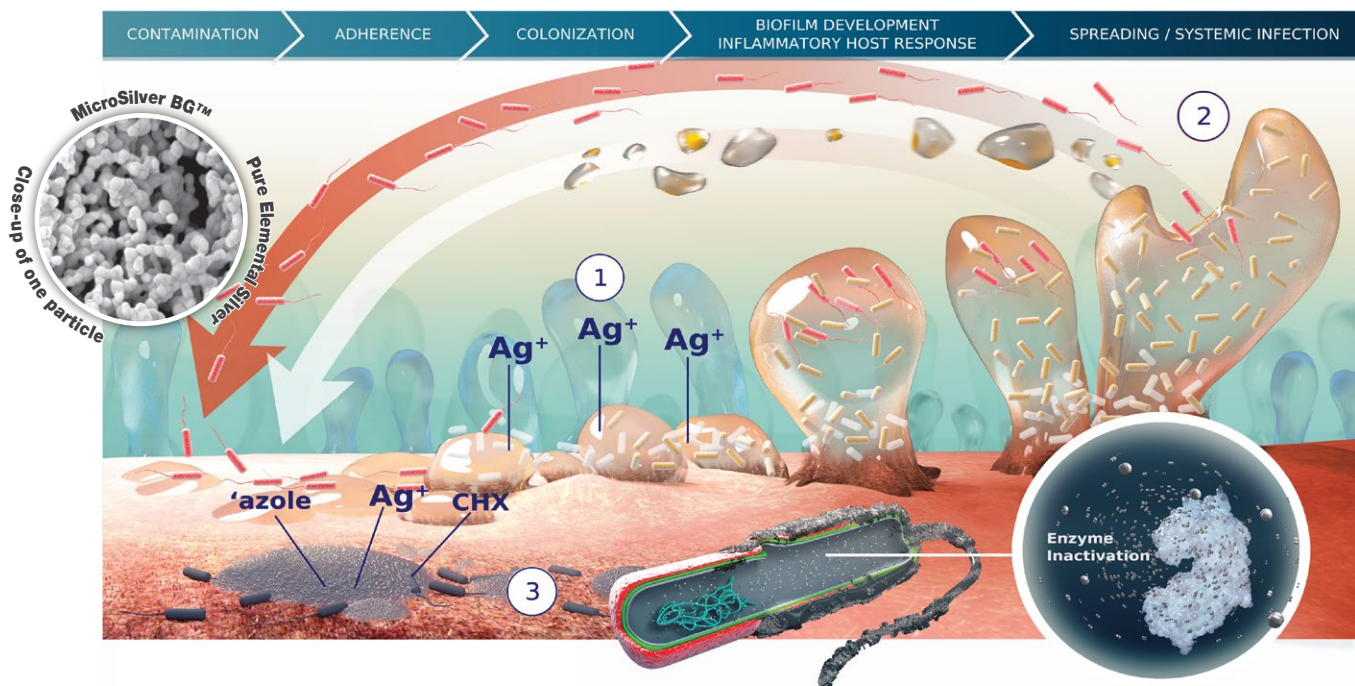
Hyaluronic Acid



YOUR GUIDE TO A MICROSILVER LINING  
VOLUME XII (NOVEMBER 2018)

# Products Formulated with MicroSilver BG have Enhanced Antiseptic and Antibiofilm Activity

- ① MicroSilver (Ag<sup>+</sup>) Disrupts / Destroys the Biofilm
- ② MicroSilver (Ag<sup>+</sup>) Prevents the Spread of Biofilm
- ③ MicroSilver (Ag<sup>+</sup>) Enhances Chlorhexidine and 'azole Antibacterial / Antifungal Activity



MicroSilver Video  
"the difference maker"

## Excerpts from clinician's brief roundtable



"At University of Florida officially about 60% of the skin infections we culture are resistant to routinely used antibiotics!" **Domenico Santoro, DVM, PhD, DACVD**

"We know that the MicroSilver (Ag<sup>+</sup>) will prevent bacterial adhesion and, if you recall, adhesion is an important component of the biofilm formation." **Wayne Rosenkrantz, DVM, DACVD**

"It is not only how you kill the organisms but how you prevent resistance from developing. Multi-modal approaches are needed...so having, for example, Miconazole, Chlorhexidine and MicroSilver should be more effective at preventing resistance." **Craig Griffin, DVM, DACVD**

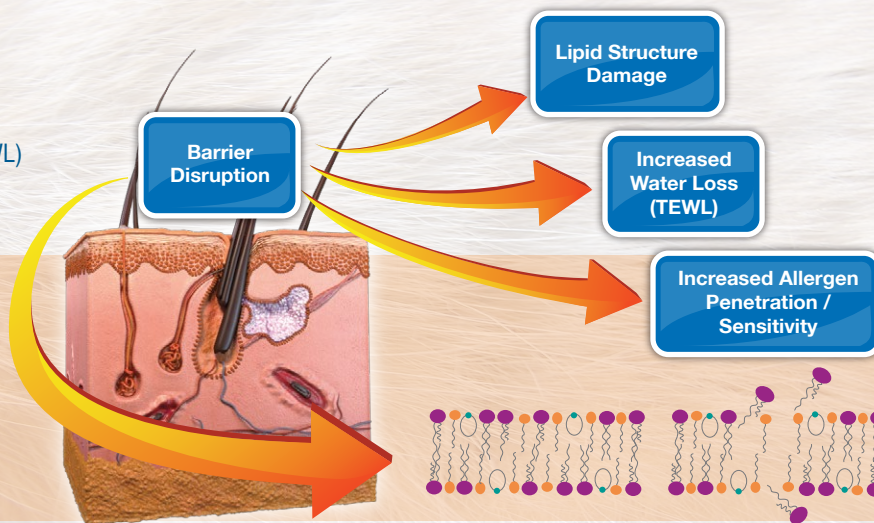
"When I am facing a superficial pyoderma case, to aggressively treat with topical therapy ALONE - but if you choose to use systemic antibiotics, always couple it with topical therapy." **John Angus, DVM, DACVD**

## Ceramide III (Cer 3) Skin Identical Molecule

Supports against Transepidermal Water Loss (TEWL)  
Helps to Restore the Lipid Barrier  
Aids in the Protection and Sealing of the Barrier

### Causes of Barrier Disruption

- Environmental Stress
  - Allergic Response
  - Low Humidity
- Genetics
- Aging Process





# BIOHEX™

Antiseptic Line featuring MicroSilver BG™ and Ceramide III

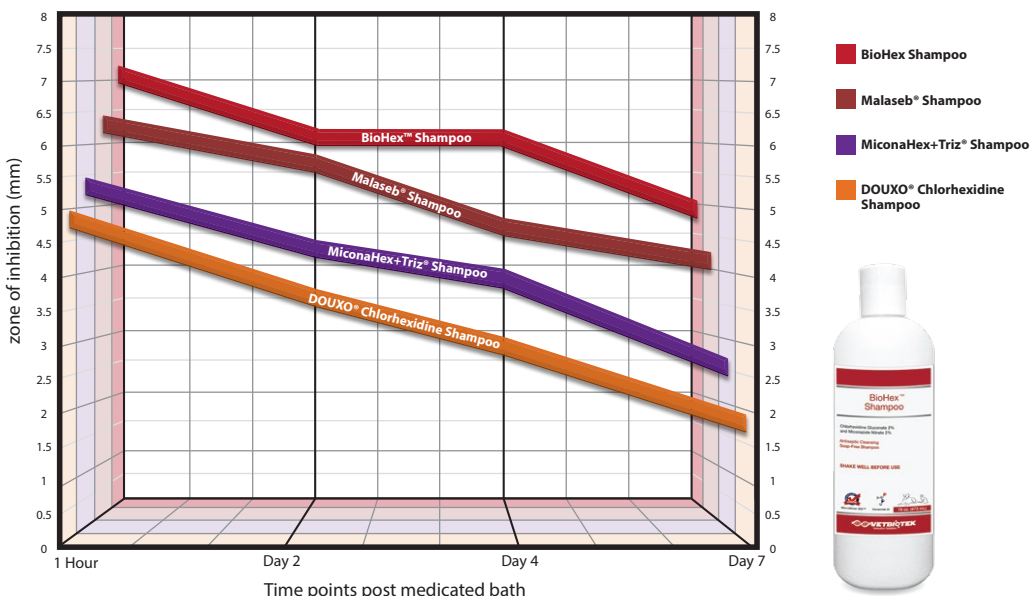
## SUPERIOR FORMULATION = SUPERIOR RESULTS

Residual *in vitro* activity of canine hair against *Staphylococcus pseudintermedius*

At day 7, the zone of inhibition of BioHex Shampoo was 2 times larger than MiconHex+Triz Shampoo

At day 7, the zone of inhibition of BioHex Shampoo 2.9 times larger than DOUXO® Chlorhexidine Shampoo

BioHex has similar residual antibacterial activity at 7 days post bathing compared to DOUXO® Chlorhexidine Shampoo at 1 hr. post bathing



*Staphylococcus pseudintermedius* Time Points Post Bath

Brand	1 Hour	2 days	4 days	7 days
BioHex™	7.1	6.1	6.1	4.9
Malaseb®	6.3	5.7	4.6	4.2
MiconHex+Triz®	5.3	4.3	3.8	2.5
DOUXO® Chlrx	4.9	3.5	2.7	1.7

assessment for all shampoos tested, there was a significant statistical difference in the performance of the shampoos on the growth inhibition of *S. pseudintermedius*.

Malaseb is a registered trademark of Dermcare-Vet Pty. Ltd., MiconHex+Triz is a registered trademark of Dechra Veterinary Products LLC., DOUXO Chlorhexidine is a registered trademark of Sogeval S.A..

## BioHex Dermatology Products

Superior Formulation - Superior Results



### BioHex™ Shampoo Antibacterial / Antifungal

Chlorhexidine 2% and Miconazole 2% with MicroSilver and Ceramide III



Dogs, Cats and Horses

**TECHNICAL SPECIFICATIONS:** Combines a proprietary formulation of Chlorhexidine, Miconazole, MicroSilver BG™ and Ceramide III for enhanced antiseptic activity. In addition, Ceramide III helps support healthy skin.

Available in: 8 oz. (VBDHZ0008), 16 oz. (VBDHZ0016) & 1 Gallon (VBDHZ0128)

### BioHex™ Mousse Antibacterial / Antifungal

Chlorhexidine Gluconate 3% with Climbazole, MicroSilver and Ceramide III



Dogs, Cats and Horses

**TECHNICAL SPECIFICATIONS:** BioHex Mousse combines a proprietary formulation of Chlorhexidine, Climbazole, MicroSilver BG™ and Ceramide III for enhanced antiseptic activity. Ceramide III helps support healthy skin. BioHex Mousse is a waterless bath and can be used alone or in conjunction with BioHex Shampoo for increased client compliance to maximize results.

Available in: 6.8 oz. (VBDHZ0200)

### BioHex™ Wipes Antibacterial / Antifungal

Chlorhexidine 3% with Climbazole, MicroSilver and Ceramide III



Dogs, Cats and Horses

**TECHNICAL SPECIFICATIONS:** BioHex Wipes combines a proprietary formulation of Chlorhexidine, Climbazole, MicroSilver BG™ and Ceramide III in a water based Micellar Solution for enhanced antiseptic activity. Ceramide III helps support healthy skin. BioHex Wipes may be used for the antiseptic cleansing of hot spots, skin folds, axillae and groin areas.



Available in: 50 ct. (VBDHZP050)

## HexaDerm™ Max Shampoo

*Antibacterial*

4% Chlorhexidine,  
MicroSilver and Ceramide III

- Deep Cleansing and Deodorizing Soap-Free Antiseptic Shampoo

8 oz. (VBDHD0008), 16 oz (VBDHD0016)  
& 1 Gallon (VBDHD0128)



## HexaDerm™ Max Spray

*Antibacterial*

4% Chlorhexidine,  
MicroSilver and Ceramide III

- Antiseptic & Deodorizing Spray

12 oz (VBDHDS012)



## BioCalm™ Shampoo

*Allergy*

1% Pramoxine, STIMU-TEX® AS  
MicroSilver and Ceramide III

- Soothing Soap-Free Shampoo for Relief of Itching

8 oz (VBDBC0008), 16 oz (VBDBC0016)  
& 1 Gallon (VBDBC0128)



## BioCalm™ Mousse

*Allergy*

1% Pramoxine,  
MicroSilver and Ceramide III

- Leave-on "Waterless" Mousse for the Relief of Itching

6.8 oz (VBDBC0200)



## BioCalm™ Spray

*Antiseptic / Anesthetic / Allergy*

2.4% Lidocaine, Pemulen, Glycofilm,  
MicroSilver and Ceramide III - Spray

- Antiseptic and Anesthetic Spray for Localized Skin Irritations

2 oz (VBDBC0002)



## LOOK FOR THE LOGO

In an effort to identify our innovative ingredients, we have placed unique logos on our products. These logos represent the innovation, technology and quality in VetBiotek products.



## BioSeb™ Shampoo

*Anti-Seborrheic / Antiseptic*

2% Salicylic Acid, 10% Ethyl Lactate,  
MicroSilver and Ceramide III

- Keratoplastic and Keratolytic
- Antiseptic Degreasing Shampoo

8 oz (VBDBS0008) & 16 oz (VBDBS0016)



## BioSeb™ Mousse

*Anti-Seborrheic / Antiseptic*

2% Salicylic Acid, 10% Ethyl Lactate,  
MicroSilver and Ceramide III

- Keratoplastic and Keratolytic
- Leave-on "Waterless" Deodorizing Mousse

6.8 oz (VBDBS0200)



## UltraOtic RINSE

*Ear Therapy*

0.2% MicroSilver and Lactic Acid

- Helps Maintain a Healthy Ear Canal
- Innovative, Non-Antibiotic Otic Rinse

4 oz (VBDUOR0004)



## UltraOtic CONCENTRATE

*Ear Therapy*

0.5% MicroSilver, 0.5% Climbazole,  
and Ceramide III

- Advanced Management of Otic Conditions

6 mL Dropper Bottle



“It is not only how you kill the organisms but how you prevent resistance from developing. Multi-modal approaches are needed...So having for example, miconazole, chlorhexidine, and MicroSilver should be more effective at preventing resistance.”

- Craig Griffin, DVM, DACVD

# Otics, Grooming and Conventional Formulas

## Milytic® Otic Ear Cleanser

*Micellar Dewaxing Solution*

Micellar Solution with Ceramide III

- Excellent Ceruminolytic Cleanser
- Helps to Remove Tear Stains and Cleanse Skinfolds

8 oz. (VBDM00008)



## VetOtic® Ear Cleanser

*Cleansing Solution*

0.15% Salicylic Acid, 2.7% Lactic Acid and Ceramide III

- Safe and Gentle Routine Cleanser

4 oz. (VBDV00004), 8 oz. (VBDV00008)  
& 16 oz. (VBDV00016)



## BioTris™ Flush

*Antiseptic*

0.1% Miconazole, EDTA, Tromethamine, and Ceramide III

- Cleansing and Flushing of Ears and Skin

4 oz. (VBDFM0004) & 16 oz. (VBDFM0016)



## Aloe Oatmeal Shampoo

*Antipruritic*

Aloe Vera, Colloidal Oatmeal and Ceramide III

- Soothing Shampoo for Itchy and Dry Skin

16 oz. (VBDA00016) & 1 Gallon (VBDA00128)



## HylaGroom™ Shampoo

*Grooming*

Hypoallergenic EFA and Ceramide III

- Helps to Moisturize Dry Skin

8 oz (VBHDG0008), 16 oz (VBHDG0016)  
& 1 Gallon (VBHDG0128)



## HylaGroom™ Mousse

*Grooming*

Hypoallergenic EFA and Ceramide III

- Helps to Moisturize Dry Skin
- Leave-on "Waterless" Moisturizing Mousse

6.8 oz (VBHDG0200)



## Antiseptic KC Leave On Conditioner

*Antibacterial / Antifungal*

2% Chlorhexidine and 1% Ketoconazole Leave on Conditioner

- Reduces Antimicrobial Skin Adhesion
- Chitosan for Enhanced Moisturizing Effects

*Compares to Resi-KetoChlor®*

8 oz. (VBVGC008)



## Hydrocortisone Leave On Conditioner

*Antipruritic / Anti-inflammatory*

1% Hydrocortisone Leave on Conditioner

- Gentle, Antipruritic, Anti-Inflammatory Conditioner
- Chitosan for Enhanced Moisturizing Effects

*Compares to ResiCORT®*

8 oz (VBVGH0008)



## C4 Shampoo

*Antibacterial*

4% Chlorhexidine and Ceramide III - Shampoo

- Deep Cleansing

16 oz (VBVGC4016)



## Benzoyl Peroxide Shampoo

*Antibacterial / Keratolytic*

3% Benzoyl Peroxide - Shampoo

- Degreasing and Follicular Flushing

*Compares to Pyoben® Shampoo*

16 oz. (VBVGBP016)



*Set Yourself Apart*

**Brand Your Clinic TODAY!**

Increase revenue  
Smaller case sizes on many products  
No premium price or additional fees

*See Our Back Page on How to Get Started*

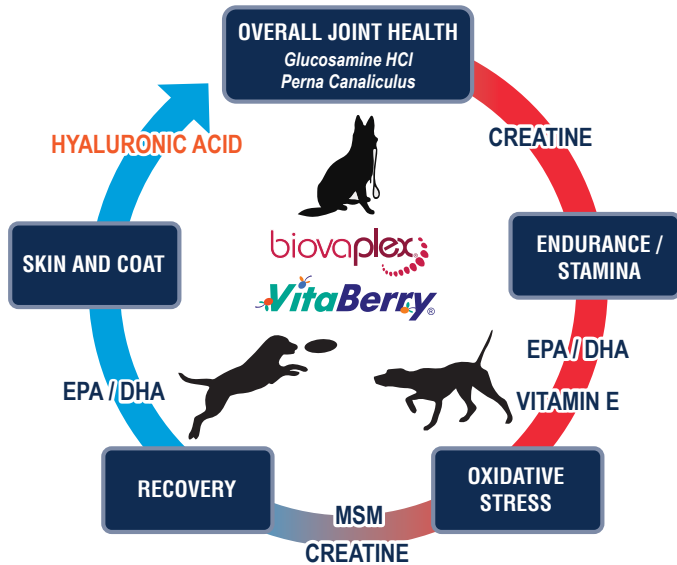


\*Registered trademarks of Virbac Animal Health



## Joint and General Wellness

Glucosamine, Perna Canaliculus, Hyaluronic Acid, MSM, Creatine, Omega Complex Featuring: BiovaPlex® and VitaBerry®



Provides Collagen and other beneficial nutrients for joint health from eggshell membrane

Promotes:

- ✓ Increased energy levels
- ✓ Improvement in range of motion
- ✓ A natural anti-inflammatory response
- ✓ A healthy skin and coat



High ORAC source of natural berry antioxidants  
Excellent source of flavonoids and organic acids

Promotes:

- ✓ Urinary Tract Health
- ✓ Healthy Vision
- ✓ Cardiovascular Health
- ✓ Brain Function and Mental Acuity
- ✓ Healthy Blood Sugar Levels

### BioFlex ACTIVE

- Advanced Formulation to Promote Joint Integrity
- Promote Natural Joint Health, Mobility, and Flexibility
- Helps to Reduce Shedding
- Provide Antioxidants that Reduce Free Radicals for Healthier Joints
- Formulated to Improve Skin/Coat and Immune Systems

Available in Soft Chew Sizes: 60 ct. (VBNA0060), 120 ct. (VBNA0120) & 240 ct. (VBNA0240)



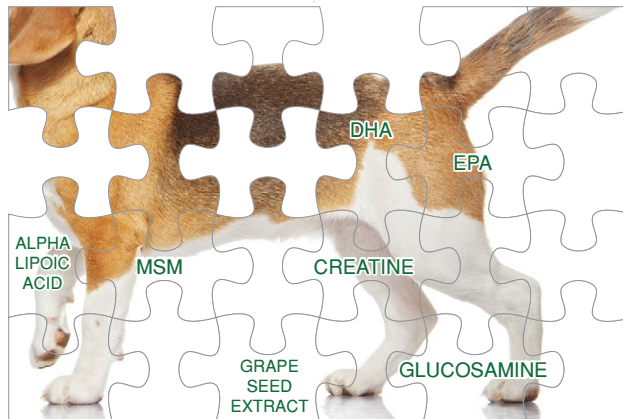
# BioFlex® ULTRA

## Senior Dog Formulation

### Management of Joint Degradation

Glucosamine, MSM, Creatine, Boswellia, Grape Seed Extract, Hyaluronic Acid Featuring: UC-II® and AyuFlex™

### Joint Degradation...it's not a puzzle anymore



### Analgesic Anti-edema

AyuFlex™ (Terminalia chebula), is a clinically proven organic ingredient to aid in the reduction of inflammation, swelling and pain associated with joint degradation.

- ✓ Enhances collagen production
- ✓ Inhibits hyaluronic acid depletion
- ✓ Inhibits collagen destruction
- ✓ COX-2 and LOX-5 enzyme inhibition



### Joint Lubrication Collagen Production



### Immune Response

### UC-II® Undenatured Type II Collagen Supports:

- ✓ Modulation of the immune system to beneficially alter the immune response to cartilage debris
- ✓ Rebuilding of natural joint cartilage
- ✓ Increased mobility and flexibility of the joint

UC-II® Research conducted on more than 100 osteoarthritic dogs showed:

- ✓ UC-II® is 50% more effective than glucosamine + chondroitin alone for joint mobility, flexibility and pain
- ✓ UC-II® works faster than glucosamine + chondroitin to reduce pain and improve joint mobility and flexibility
- ✓ 39% greater increase in peak force
- ✓ 59% greater increase in impulse area

Source: R.C. Gupta et al. ; Journal of Animal Physiology and Animal Nutrition © 2011



### COX-2 and LOX-5 Enzyme Inhibition

Available in Soft Chew Sizes:  
60 ct. (VBNA0060) & 120 ct. (VBNA0120)



# VET-SAMe™ Formulated to Control Liver Enzymes and Provide Cognitive Support

S-Adenosyl L-Methionine (SAMe), Andrographis paniculata and Ginkgo biloba extract

Ginkgo biloba is a natural plant extract that has been used for thousands of years to promote:

- ✓ Cognitive support
- ✓ Increased blood flow

Andrographis paniculata is a natural plant extract that is combined with S-Adenosyl L-Methionine to provide synergistic hepatic protection.

- ✓ Proven hepatoprotective action of andrographolides
- ✓ Known cardio protective agent
- ✓ Pre-glutathione provider
- ✓ Studies show Andrographis paniculata provide better liver protection than leading brand ingredients?

Available in 30 ct.: 100 mg (VBNVE0100) and 225 mg (VBNVE0225) 60 ct.: 225 mg (VBNVE6225)



<sup>2</sup>Ref: Visen et. al. (1993) J. Ethnopharmacol. 40: 131-136

## MARKETING AND BRANDING SOLUTIONS

### Customize Your Label in 3 Simple Steps

New SKU  
BOGO!

- 1 Clinic Information** - Needed to ensure that we can communicate to both you and your distributor as quickly and efficiently as possible to expedite your order.

Clinic Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Clinic Phone Number: \_\_\_\_\_  
Website: \_\_\_\_\_ Email: \_\_\_\_\_  
Contact Person at Clinic: \_\_\_\_\_  
Distributor: \_\_\_\_\_ Distributor Representative: \_\_\_\_\_

- 2 Initial Order\*** - This order can be cancelled or changed at any time - Nothing will be shipped until final approval and go ahead is given from you.

- 3 Logo** - For design and creation of label. The higher the resolution, the better the print quality of your label  
Vector art, jpg, pdf. Please Email to [Jules@VetBiotek.com](mailto:Jules@VetBiotek.com)

- |   |   |
|---|---|
| <input type="checkbox"/> For colors see logo  | <input type="checkbox"/> Follow VetBiotek stock product colors per product  |
| <input type="checkbox"/> Use colors from website  | <input type="checkbox"/> Graphic designer's choice of colors  |
| <input type="checkbox"/> Utilize the following colors   | <input type="checkbox"/> Use the following colors: _____  |
| <input type="checkbox"/> Use stock photos   | _____   |
| <input type="checkbox"/> I will email photos to use on labels   | _____   |
| <input type="checkbox"/> No photos of animals on labels   | <input type="checkbox"/> Website <input type="checkbox"/> Facebook <input type="checkbox"/> Twitter <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Keep the VetBiotek stock product names   |   |
| <input type="checkbox"/> Use Pre-Approved, user friendly, hard to google product names (i.e. Joint Support) |   |
| <input type="checkbox"/> I have names I would like to submit for approval for my labels.                    |   |

Notes: \_\_\_\_\_



Every new SKU you add to your custom label line, is eligible for a one time  
**Buy One Case, Get One Case** of equal or lesser value for **FREE!**

Questions? Please Contact VetBiotek, Inc.

[www.vetbiotek.com](http://www.vetbiotek.com) | 888.798.2030 | [sales@vetbiotek.com](mailto:sales@vetbiotek.com)

11401 Belcher Road S., Suite 260 | Largo, Florida 33773 | Office: 727-308-2030 | [www.vetbiotek.com](http://www.vetbiotek.com)



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