

The Clear Choice... for Your Pet's Healthy Joints



BiovaPlex has been clinically proven to support your pet's health in these 3 key areas:





Joint Support Increased activity within 7 days



Protection Reduces free radicals and oxidative damage associated with aging

BiovaPlex water-soluble egg membrane (WSEM) supports pet's health and wellness and offers elemental building blocks to support essential joint and skin health needs.

Our patented process maintains the natural ratios of nutrients found in egg membrane, and creates a water-soluble, formulation-friendly ingredient.

### BiovaPlex<sup>®</sup> Scientific Support

- BiovaPlex alone showed a 44% improvement in joint mobility in 2 weeks, and 61% in 4 weeks
- When combined with existing supplementation of glucosamine and omega-3 fatty acids, BiovaPlex showed an increase in improvement over the existing supplementation - suggesting that BiovaPlex has a different mechanism of action
- Whether taking BiovaPlex alone or in conjunction with another joint care supplement, dogs will experience improved joint mobility

**BiovaPlex** water soluble egg membrane (WSEM) provides proven elemental building blocks to support joint and connective tissue health as well as overall skin and coat health.

### The Amazing Actives of Egg Membrane

Collagen - peptides that promote skin strength, elasticity, cohesion and firmness

Elastin - protein which gives tissue the elastic tension and ability to resume its shape after stretching

Desmosine & Isodesmosine - two unique amino acids which provide elastin's flexible and resilient properties and help stimulate dermal collagen synthesis

Glycosaminoglycans (GAGs) - including glucosamine, chondroitin and hyaluronic acid: vital ) polysaccharides which serve as structural components of connective tissue, interstitial fluids, and cartilage matrix

Transforming Growth Factor Proteins - including Ovocalixin, Ovocleidin, and Ovotransferrin which play a crucial role in tissue repair

### Formulating with **BiovaPlex**®

Rich in available, measurable nutritional components, WSEM is commercially available to formulators as an ingredient—BiovaPlex<sup>®</sup>. BiovaPlex is manufactured using a gentle process of hydrolysis to achieve the optimal molecular weight, protein, collagen and elastin levels and to ensure the lowest possible odor, color and ash. All of Biova's ingredients are quality manufactured according to cGMP standards.

BiovaPlex is ideal for multiple delivery applications:

- Water-soluble for multiple delivery options
- Canine, feline, and equine friendly
- High palatability friendly taste profile
- Low inclusion rates easy formulation
- All natural high protein
- 100% made in the USA

# Ingredient ProfileSolubility:10% sol. @25Total Protein:≥85%Arsenic:<2 ppm</td>Lead:<10 ppm</td>Cadmium:<2 ppm</td>Mercury:<0.10 ppm</td>

Product Specifications CAS: 227025-36-6 Product Source: Egg Membrane Molecular weight: ≥3000 kDa Form: Spray-dried powder

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#### **Contact Us:**

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## Contact us to learn how you can expand your portfolio with BiovaPlex.



