



### Study Objective



Compare two zinc sources (ZnO and ZINPRO) and evaluate zinc status indicators in weanling puppies fed a plant-based diet.

### Study Duration



28 days

### Animals



30 8-week-old hound-cross puppies (15 male; 15 female) with initial body weight of 5.62 to 12.57 lb (2.55 to 5.70 kg); 5 dogs from each of 6 litters were chosen for this study.

### Treatments

**Control:** No supplemental Zn

**ZnO 50:** 50 ppm Zn as ZnO

**ZINPRO 50:** 50 ppm Zn as ZINPRO

**ZnO 100:** 100 ppm Zn as ZnO

**ZINPRO 100:** 100 ppm Zn as ZINPRO

### Location



University of Illinois, Urbana, IL, USA



### Results Summary

Trace minerals are key to the health and well-being of our family companion animals

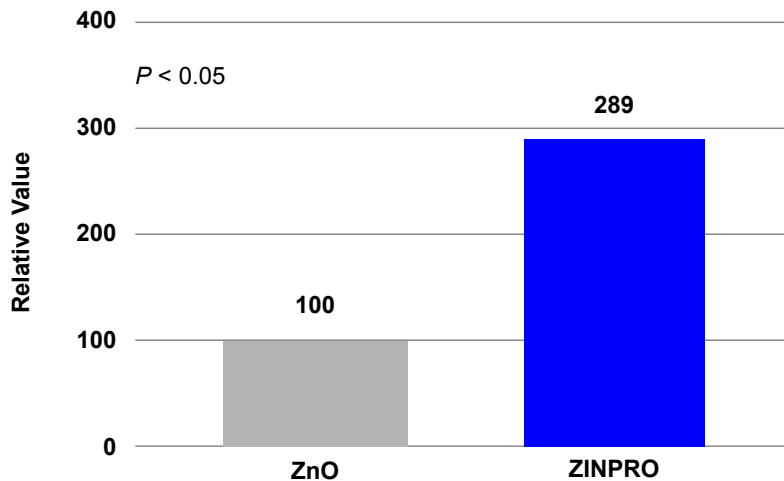
#### Puppies offered ZINPRO:

- Had higher blood Zn status, key to healthier skin and coat, and more consistent bone growth, important to skeletal integrity and longevity
- Were stimulated to eat more food, thus gaining more weight that did not equate to excess fat

**ZINPRO is nearly 3x more bio-efficacious than ZnO, a common zinc source often used in puppy and mature dog diets.**



### Relative Bioavailability of ZINPRO



Vester, B. M., L. K. Karr-Lilienthal, D. J. Tomlinson, K. S. Swanson, and G. C. Fahey Jr. 2007. Indicators of zinc status of weanling puppies are affected by zinc dietary concentration. Prof. Anim. Sci. 23:448-453.

