

	ABELIA® GlycoZoo	ABELIA® Zn-Otic	ABELIA® TrisEDTA	KLISE® Ear Therapy
<b>Species</b>	Dogs, Cats and Horses	Dogs, Cats and Exotic Animals	Dogs and Cats	Dogs
<b>Composition</b>	Boric Acid 2% Glycolic Acid 2%	Zinc Gluconate 1% Boric Acid 1% L-Lysine 1% Taurine 0.5%	Tromethamine base 0.60% Tromethamine HCl 0.35% EDTA 0.12% Benzyl alcohol 0.30%	<i>Hamamelis virginiana</i> 10% <i>Melaleuca alternifolia</i> 0.5% Chlorhexidine Gluconate 0.2%
<b>Presentation</b>	118 ml	59 ml	118 ml	118 ml
<b>Safe use with Perforated Tympanum</b>	Yes	Yes	Yes	No
<b>Ceruminolytic Action</b>	****	**	***	***
<b>Anti-Malassezia Efficacy</b>	High	Medium-High	-	Medium-Low
<b>Antibacterial Efficacy</b>	-	Medium-Low	High	Medium
<b>Primary use<sup>1</sup></b>	<ul style="list-style-type: none"> <li>Support in veterinary treatment of choice in otic processes where yeasts (<i>Malassezia</i> spp...) are involved.</li> <li>Support in <b>keratoseborrheic complex</b> and keratinization alterations.</li> </ul>	<ul style="list-style-type: none"> <li>Complements the veterinary treatment of choice in otic processes where yeasts are involved (<i>Malassezia</i> spp...).</li> <li><b>Soothing</b> action.</li> <li>Support in <b>sensitivity</b> and <b>redness</b> associated processes.</li> <li>Contributes to maintain the physiological structure of the ear canal's epithelium.</li> </ul>	<ul style="list-style-type: none"> <li>Helps to <b>control</b> the growth of <b>microorganisms creating an hostile environment for their development</b>.</li> <li>Does not contain antibiotics or corticosteroids.</li> <li>With <b>EDTA</b>, with chelating effect over calcium and magnesium components of microorganisms' membrane.</li> <li>Favours the action of treatments that require an alkaline pH.</li> </ul>	<ul style="list-style-type: none"> <li><b>Daily hygiene of the ear canals and the ear flaps.</b></li> <li>Versatile: <b>cleans and protects</b>.</li> <li><b>Cleaning solution</b> which helps in otic processes.</li> </ul>
<b>Other Advantages</b>	<ul style="list-style-type: none"> <li><b>Exfoliating</b> action that favors the renewal of the epithelium and allows better contact with active ingredients.</li> <li><b>Powerful drying</b> action of the ear canal.</li> <li><b>Lipolytic and keratolytic</b> actions.</li> </ul>	<ul style="list-style-type: none"> <li><b>Supplies Zinc</b>, which participates in collagen production, which is an essential component of the epithelium.</li> <li>Helps to reduce bad smell.</li> <li>Drying action of the ear canal.</li> </ul>	<ul style="list-style-type: none"> <li>Preparation of the ear canal <b>prior to veterinary treatments</b> of choice in otic processes where Gram+ (<i>Streptococcus</i>, <i>Staphylococcus</i>...) and Gram- (<i>Pseudomonas</i>, <i>Proteus</i>...) bacteria are involved.</li> <li>Proven synergistic action of EDTA / Tromethamine.</li> <li>Improved cleaning action.</li> </ul>	<ul style="list-style-type: none"> <li>Prevents and eliminates wax buildup.</li> <li>With Chlorhexidine - Antimicrobial effect.</li> <li>Preparation of the ear canal prior to the veterinary treatments of choice.</li> <li>Soothing action. Helps to reduce discomfort.</li> </ul>
<b>How to use<sup>2</sup></b>	<ul style="list-style-type: none"> <li>Initially: 1-2 times / day.</li> <li>Maintenance: 1-2 times / week.</li> </ul>	<ul style="list-style-type: none"> <li>First application: Fill the ear canal.</li> <li>Following applications: Manage, depending on the size of the pet, from 0.25 ml (5 drops) to 3 ml, 1-2 times/day or 1-2 times/week, depending on individual needs.</li> </ul>	<ul style="list-style-type: none"> <li>Apply every 12-24 hours or 1-2 times weekly for maintenance, depending on the needs or the physiological conditions of the ear canal.</li> <li>Administer ABELIA® TrisEDTA 15-30 minutes before the application of the veterinary treatment of choice.</li> <li>Apply simultaneously in master formula*.</li> </ul>	<ul style="list-style-type: none"> <li>2 times/day or 1-2 times/week depending on individual needs.</li> <li>Suitable for frequent use.</li> </ul>
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Very low incidence of post-application stinging.</li> </ul>	<ul style="list-style-type: none"> <li>Very low incidence of post-application stinging.</li> </ul>	<ul style="list-style-type: none"> <li>Very low incidence of post-application stinging.</li> <li>pH 8: preserves the activity of treatments which require alkaline pH.</li> </ul>	<ul style="list-style-type: none"> <li>Very low incidence of post-application stinging.</li> <li><b>Do not use in cats.</b></li> <li>For dogs over 12 weeks of age.</li> </ul>

### General Practical Recommendations for the Use of Otic Cleaning / Treatment:

- 1) Fill the ear canal: apply between 1-5 ml depending on the breed (at least 0.5 to 2 ml are required to reach middle ear).
- 2) Gently but firmly massage the base of the ear for a few seconds.
- 3) Remove excess solution with a swab or paper towel. Do not remove or wash the otic solution.

<sup>1</sup> As support in veterinary treatments of choice.

<sup>2</sup> When in doubt, seek a veterinarian's advice.

### Alternatively, can be used in conjunction with master formulas based on individual needs.

\* According to publications by S. Patterson; C. Griffin; C. Foil; J. Plant, R.A.W. Rosychuk; S.D. White; C.S. Daigley; K.A. Hnilica et al. \*\* Sparks T.A., Kemp D.T., Wooley R.E., Gibbs P.S. Anti-microbial effect of combinations of EDTA-Tris and amikacin or neomycin on the microorganisms associated with otitis externa in dogs. Vet Res Commun. 1994; 18 (4): 241-9 "