



Newly developed Styptic Product

New Priority of First Aid For Dogs and Cats To Stop bleeding



Theracion Biomedical takes care of human health as well as companion animals health.

## Styptic Powder for Pet Animal



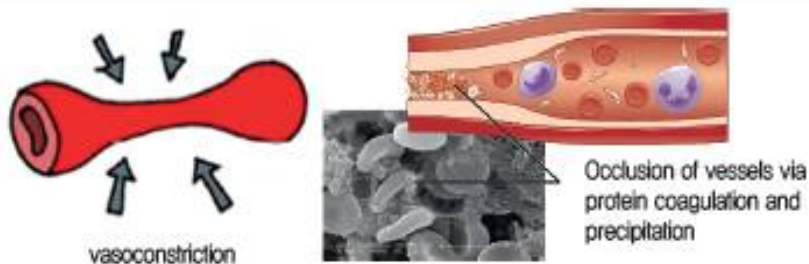
### What is styptic powder?

A handy tool and pet first aid kit to stop bleeding for pet owners available online or via local pet supply store, in grooming and care section.

## Hemostasis Mechanism of Styptic powder



- Hemostasis by contracting blood vessels, vasoconstriction
- Occlusion of vessels via protein coagulation and precipitation



## AniClot™-P

Theracion Biomedical Corp., has concentrated its in-house technology of biocompatible / biodegradable polymeric biomaterial on the development of topical hemostat for human and styptic products for pet animal.

In cooperation with researchers and veterinarian at college of veterinary medicine, Konkuk University, Korea, Theracion Biomedical proudly presents the first of styptic products, AniClot™-P, a superior concept for styptic powder to stop bleeding.

- Powder type to control bleeding on your pets
- Available in net weight 15g and 45g
- Certificated to ISO 9001:2008



## AniClot™-P

- A newly formulated AniClot™-P
  - is a dry powder that control bleeding and quick, safe & effective in a absorbent biomaterial base,
  - Dries up liquid and moisture and
  - includes a powder spoon for better convenience to use,
  - helps control bleeding due to
    - ✓ nail clipping, tail docking,
    - ✓ wing clipping, beak trimming, and
    - ✓ minor superficial cuts and incisions,
  - has characteristics such as
    - ✓ quick bleeding stop,
    - ✓ Safe for use, and
    - ✓ Strong antimicrobial activity

### DIRECTIONS

Apply powder freely with moistened cotton tip to the area being treated, Apply moderate pressure for 5-10 seconds until bleeding stops, Repeat as needed, Bandage if necessary.

### WARNING

Keep out of reach of children,  
For external only,  
Do not use in deep wounds, body cavities or on burns,  
Do not use on human,  
If desired results are not obtained, consult a veterinarian

### INGREDIENTS

Ferric Sub sulfate, Ammonium Chloride, Modified Starch, Chitosan

### STORAGE

Keep the jar tightly closed and store in a dry location

# AniClot™-P

## ■ Safety

- Optimized ingredient, content and formulation.
- No use of mineral clays.
- No heavy metal and skin irritation approved by authorized study organization according to ISO test standard

## ■ Efficacy

- Control bleeding by contracting blood vessels, or vasoconstriction and occlusion of vessels via protein coagulation and precipitation due to the active ingredient
- Highly hydrophilic polysaccharide instantly attracts the fluid from the blood, reducing further bleeding and accelerates the clotting.
- Additional antimicrobial effect induced by natural substance.

## ■ Quality

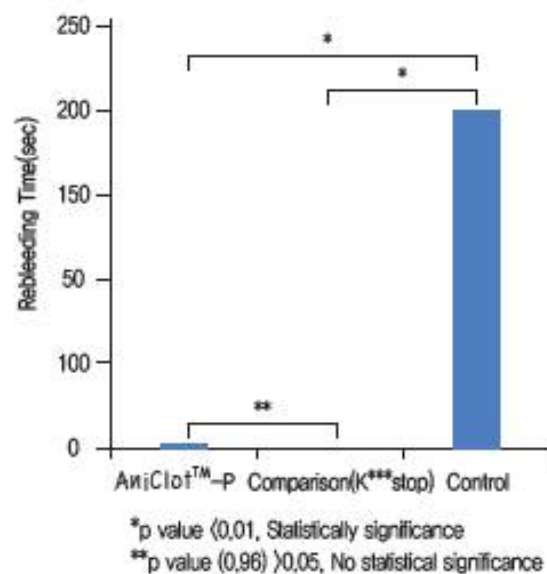
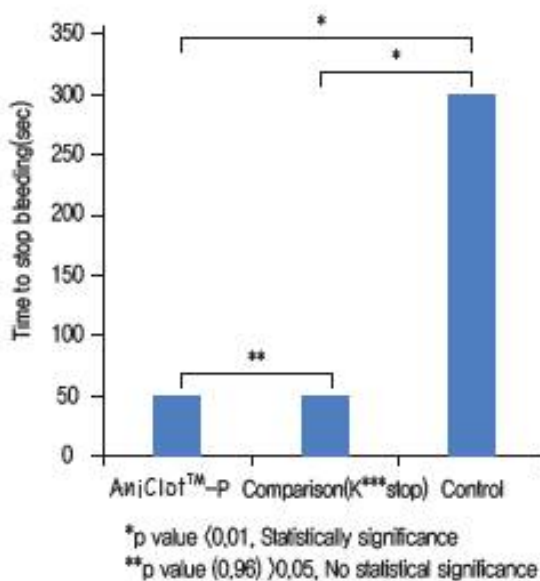
- ✓ High quality ingredient used and ISO 9001:2008 certificated
- Highly purified active ingredient and inactive ingredients of EP and KP level
- KS Q ISO 9001:2008/ ISO 9001:2008 certified for styptic hemostat for animal



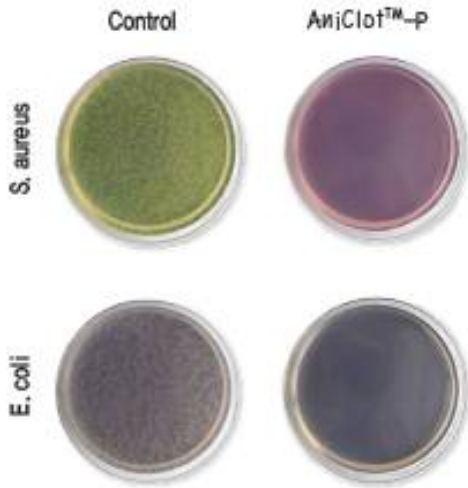
Registered ISO 9001:2008

# EFFICACY

- Studied at College of Veterinary Medicine, Konkuk University, Korea
- SD rats
- Total N=30, N/each group=10
- Student t-test



## Antimicrobial Effect



■ Aniclot™-P shows excellent antimicrobial activity.

- Test Method: ASTM E 2149
- Staphylococcus aureus ATCC 6538 and Escherichia coli ATCC 2922
- Reduction rate: more than 99.9% against E.coli and S aureus

## SAFETY (Skin Irritation Test)



Prepared Code

### TEST REPORT

16, Riwon-ro, Seongbuk-gu, Gyeonggi-do, 10816, Rep. of Korea    TEL: 02-2708-0101    FAX: 02-2708-0100

Report No. : KTR-2023-0006    Report Date : 2023.02.09  
 Test Completion Date : 2023.02.09

Client Name : Theracion Biomedical Co., Ltd.  
 Address : 107, The First Jangjeon, P.O. Box 107, Sangil-dong, Jungnang-gu, Seoul 01501, South Korea

Sample Name : Cyclic Peptide Powder for Topical Use

**Test Results**

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
skin sensitization Test(GPMT)	-	Aniclot Cyclic Peptide Powder		(1) ISO 10993-10 : 2013

**Test Results**

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
skin sensitization Test(GPMT)	-	Aniclot Cyclic Peptide Powder		(1) ISO 10993-10 : 2013

**Test Conditions**  
 (skin sensitization Test) : 4 g / 20 ml, 37 °C, 7d  
 Control: saline (0.9% NaCl, 0.9% NaBrine)

(1) As a result of skin sensitization test in Dunkin Hartley Guinea pig, the test article elicited no reaction at the challenge, following an induction phase. Therefore, the test article was classified as having no allergenic potential.

- Test period: Feb.20.2023 ~ Mar.20.2023

Assessed : Photos of appearance in phase  
 Abstracted : Test Report  
 Approval of Report for approval

NOTE : 1. The test procedure also need report one of the indicates the complete and partial names protecting the customer's privacy and quality as the quality of photo results of the customer.  
 2. The test result could not be used for other purposes, when treatment, lawsuit and any other purposes outside the scope of its defined usage.

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 Korea Testing & Research Institute  
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 President *Byun Jong-Ryeop*

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KTR-2023-0006    2023.02.09

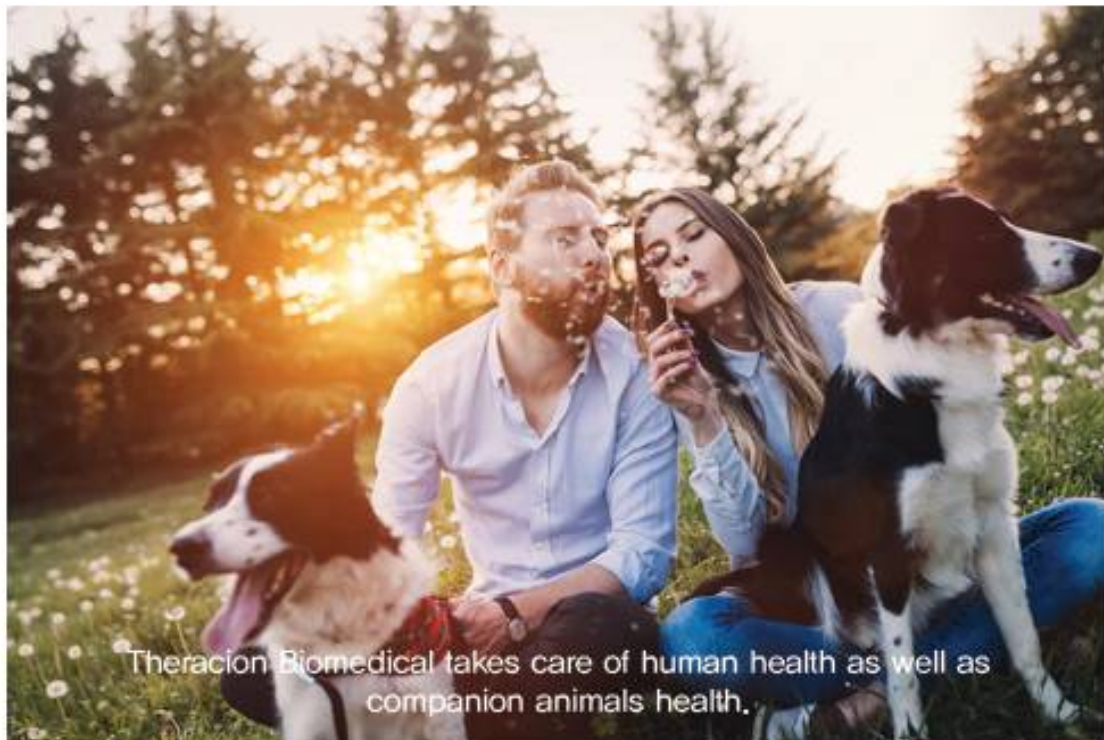
KTR

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
skin sensitization Test(GPMT)	-	Aniclot Cyclic Peptide Powder		(1) ISO 10993-10 : 2013

## AniClot™ Products



Products	Description	Schedule on the Market
AniClot™-P Styptic Powder	Immediately and effectively controls minor bleeding caused by clipping nails, claws, and docking tails and minor superficial cuts. The antimicrobial effect is associated with natural substance. Available in 15g and 45g.	 Available Now
AniClot™-G Styptic Gel	AniClot™ styptic gel effectively controls minor bleeding caused by clipping nails, claws, and docking tails and minor superficial cuts. Available in 30 ml and 120 ml gel.	Available on Oct. 2017
AniClot™-Pad Styptic Pads	Convenient, pre-soaked disposable pads. Perfect for use while traveling, hiking and performance events. 50 pads in a resealable tub.	Available on Sept. 2017



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