

FOCUS ON THE « LEAKY GUT »

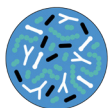
WHAT IS THE LEAKY GUT?

The intestine is lined with millions of cells connected to each other by tight junctions. Together, they form a selective barrier that allows nutrients to pass through while blocking unwanted substances. However, this barrier can become weakened and overly permeable due to various factors:

- Stress
- Intense work
- Inflammation
- Microbiota imbalance
- Inappropriate diet

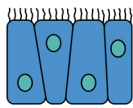
In this case, the intestine allows toxins, allergens, or microbes to pass into the bloodstream: this is known as intestinal hyperpermeability, or “leaky gut.”

THE 3 MAIN PLAYERS IN THE INTESTINAL ECOSYSTEM



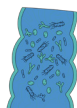
THE MICROBIOTA

It plays a role in digestion, protects the body against “harmful” bacteria, and contributes to strengthening the immune system.



THE INTESTINAL EPITHELIUM

It lines the wall of the digestive tract and forms a very large surface for nutrient exchange.



THE INTESTINAL IMMUNE SYSTEM

It ensures the body’s defense against pathogenic agents.

GUT DIGEST

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* SCIENTIFICALLY PROVEN
BENEFITS



GUT DIGEST

GAMME HEALTH

HORSES PRONE TO INTESTINAL HYPERSENSITIVITY OR “LEAKY GUT”

Highly concentrated granulated feed with **active ingredients**
WITHOUT WHOLE GRAINS



Lambey

GUT DIGEST

GAMME HEALTH

DENSITY 1L = 650 G

USE

Feed 2 to 6 kg per day in addition to forage.
Complementary feed intended for horses.

- Feed at least 1.2 kg of hay per 100 kg of body weight for horses on straw bedding and 1.5 kg per 100 kg of body weight for horses on wood shavings bedding.

- Leave a salt block available for self-service and clean water at will.

- Ideally, divide the ration into at least 3 balanced meals.

The quantities distributed should be adjusted according to the weight, body condition, age, activity level, and breed of the horse, as well as the type, quantity, and quality of the forage distributed.

COMPOSITION

Dehydrated alfalfa, wheat bran, dried beet pulp, extruded cooked flaxseed, rapeseed oil, dried chicory pulp, dried apple pomace, clays, fructo-oligosaccharides, salt, dicalcium phosphate, chicory roots, wheat germ, single cell proteins from *Aspergillus Oryzae*.

TECHNICAL SPECIFICATIONS PER GROSS KG

Calcium	17 g
Phosphorus	6 g
Magnesium	3 g
Potassium	13 g
Digestible nitrogenous matter	78 g
Omega 3	15 g
Omega 6	17 g

AMINO ACIDS PER KG GROSS WEIGHT

Lysine	5,0 g
Methionine + cystine	3,7 g
Methionine	1,9 g

Threonine	4,1 g
Tryptophan	1,8 g
Leucine	7,5 g
Arginine	6,4 g
Isoleucine	4,5 g
Valine	5,8 g
Phenylalanine	5,0 g

ANALYTICAL CONSTITUENTS

Crude protein	11,5 %
Crude fiber	15,0 %
Crude fat	7,5 %
Crude minerals	14,0 %
Sodium	0,41 %
Starch	4,4 %
Total sugars	3,9 %

VITAMINS AND TRACE ELEMENTS PER GROSS KG

Vitamin A	20 700 .U.I
Vitamin D3	3 450 .U.I
Vitamin E	840 mg
Vitamin B1	15 mg
Vitamin B2	11 mg
Vitamin B6	11 mg
Vitamin B12	0,03 mg
Vitamin PP	27 mg
Vitamin C	820 mg
Vitamin K3	1,2 mg
Pantothenic acid	9,0 mg
Folic acid	0,7 mg
Choline chloride	276 mg
Biotin	5,6 mg
Iron	152 mg
Copper	48 mg
Zinc	193 mg
Manganese	138 mg
Iodine	2,0 mg
Cobalt	0,62 mg
Total selenium	1,11 mg



GASTRIC MUCOSA*

A combination of specific ingredients acts as a digestive dressing.

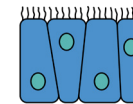


INTEGRITY OF THE INTESTINAL MUCOSA

Vitamin A and zinc contribute to the maintenance of normal intestinal mucosa.

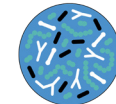


INTESTINAL SUPPORT



INTESTINAL BARRIER

Glutamine, an amino acid, and *Aspergillus oryzae*, a prebiotic, are two ingredients with scientifically demonstrated effects on intestinal barrier integrity. They help prevent the increase in intestinal permeability observed during moderate to intense physical exercise or under transport conditions.



GUT MICROBIOTA*

The addition of an active complex promotes the digestion of dietary fiber, stabilizes the acidity of the large intestine, and improves its functioning.

* Impact of Low-Starch Dietary Modifications on Faecal Microbiota Composition and Gastric Disease Scores in Performance Horses, J. Irving, V. Pineau, S. Shultz, F. ter Woort, F. Julien, S. Lambey, E. van Erck-Westergren, 2025, Animals.

* Improvement of gastric ulcer and ridden horse pain ethogram scores with diet adaptation in sport horses, V. Pineau, F. ter Woort, F. Julien, M. Vernant, S. Lambey, E. van Erck-Westergren, 2023, ECVSMR.

* Diet induced changes in gastric and faecal microbiota in horses: association with gastric ulcer healing, E. van Erck, Westergren and F. ter Woort, 2019, BEVA.

