



MCT

α GUARD™

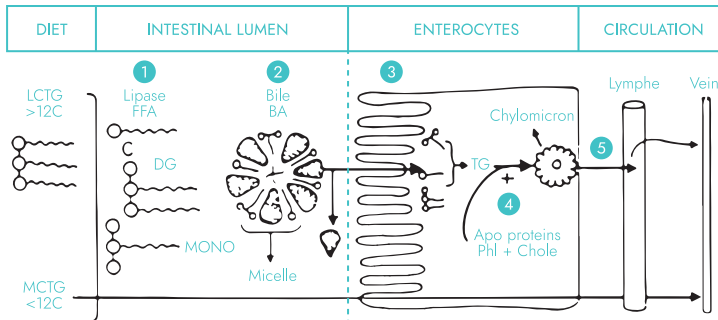
Instant Energy Boost
Modulate Gut Health & Microbiota
Excellent Growth Performance

α GUARD™ MCT is prepared from natural coconut oil, an essential item in your animal farm. **α GUARD™ MCT** contains highest purity of medium chain triglycerides, is specifically designed to give your weak animal an instant energy boost (Odle, et al., 1989). With the well-known antimicrobial activities studied (Shilling, M., et al., 2013), **α GUARD™ MCT** modulates animal's gut health & their gut's microbiota and hence gives the excellent growth performance to your animal.

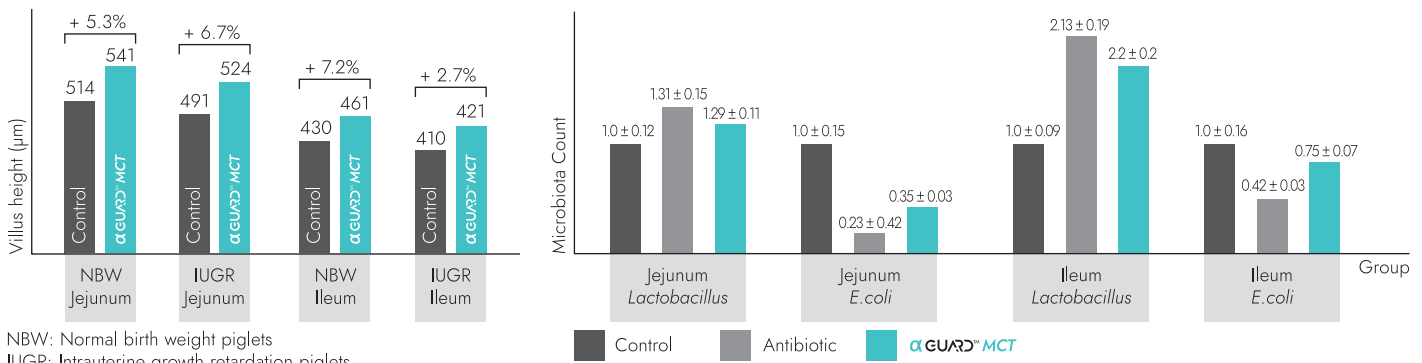
Odle, et al., 1989. Utilization of MCT by Neonatal Piglets. *Animal Science*, 67, pp. 3340-3351.

Shilling, M., et al., 2013. Antimicrobial effects of virgin coconut oil and its medium chain fatty acids. *Journal of Medicinal Food*, 16(12), pp. 1079-1085.

INSTANT ENERGY



MODULATE GUT HEALTH & MICROBIOTA



NBW: Normal birth weight piglets
IUGR: Intrauterine growth retardation piglets

Trevisi, et al., 2017. The effects of starter microbiota and the early life of MCT on the gastric transcriptome profile of cesarean delivered piglets. *Journal of Animal Science and Biotechnology*, 8(82), pp. 1-12.
Tang, et al., 2018. Effects of Different Levels of Dietary Medium-chain Triglyceride on Growth Performance and Intestinal Microflora in Weaned Piglets. *Science and Technology*, 5(4), pp. 61-65.
Odle, et al., 1989. Utilization of MCT by Neonatal Piglets. *Animal Science*, 67, pp. 3340-3351.

EXCELLENT GROWTH PERFORMANCE

Effect of **α GUARD™ MCT** on the growth performance of weaning pigs.

Parameters	Control	α GUARD™ MCT	Difference
Average Daily Gain, g Days 0 - 28	331.51	353.57	+ 6.7%
Average Daily feed Intake, g Days 0 - 28	596.89	569.63	- 4.6%
Feed Efficiency, g/g	0.56	0.62	+ 10.7%

NUTRITION PROFILE	MCT
Gross Energy, kcal/g	8300
Caprylic Acid	60
Capric Acid	40

Li, Y., et al., 2015. Effect of medium-chain triglycerides on growth performance, nutrient digestibility, plasma metabolites and antioxidant capacity in weaning pigs. *Animal Nutrition*, (1), pp. 12-18.

DOSE	FEED RATION	PACKING	HANDLING
Pig	1-3kg/MT	190kg/DRUM	Liquid
Poultry	1-3kg/MT	950kg/IBC	



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