

Get Your **FATS** Right

CAPTEX[®] =
MCTs for Cognitive Health



Fuel your **BRAIN** with **ABITEC's Medium-Chain Triglycerides**

Fact Cognition may decline as we age

Fact Decreased glucose (brain fuel) to the brain has been shown to lead to cognitive decline including impaired learning and memory.^{1,2}

Fact MCTs show positive effects on cognitive tasks including, working memory, visual attention and task switching in the healthy elderly.³

**more studies available upon request*

ABITEC's CAPTEX[®] MCTs

- ✓ **Support cognition & brain health**
- ✓ **Provide quick energy**
- ✓ **Kosher, Halal, GFSI & ISO certified**
- ✓ **Liquid & Powder forms**
- ✓ **Palm Kernel, Coconut and Palm-free options**
- ✓ **Keto Friendly**



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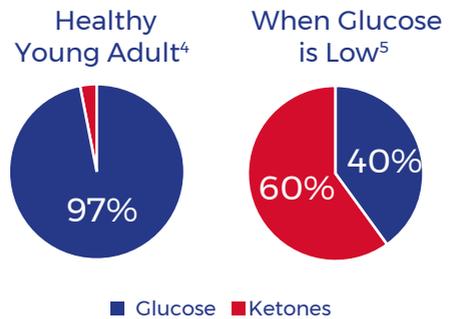
The Brain's Energy

Glucose is the brain's primary energy source

Ketones provide a secondary energy source

- Ketones are produced (ketogenesis) in the liver from fatty acids
- Low levels of ketogenesis occur at all times
- Increased ketogenesis occurs:
 - ✓ Fasting/Starvation
 - ✓ Low carb/High fat diet
 - ✓ Type I diabetes
 - ✓ Decreased glucose utilization

Brain Fuel



MCTs are the Brain's Quick Energy Source when Glucose is Low

- ✓ MCTs are rapidly absorbed from the gut via portal vein
- ✓ MCTs are converted to ketones in the liver
- ✓ Ketones cross the blood brain barrier to fuel the brain
- ✓ Brain will not be energy deficient with MCT supplementation

MCTs



Replaces glucose usage and restores energy to the brain ...

Ketones

The Products

ABITEC PRODUCT	Chemical Name(s)	Caprylic (C8) fatty acid content (%)	Capric (C10) fatty acide content (%)	Appearance/Form (25° C)	Raw Material Origin
CAPTEX® 300	Caprylic/capric triglyceride	~70	~30	Colorless, clear liquid	Palm Kernel, Coconut, and Palm-Free Options Available
CAPTEX 355	Caprylic/capric triglyceride	~55	~35	Colorless, clear liquid	
CAPTEX 1000	Glyceryl tricaprante: Tricaprin	<1	98	Solid	
CAPTEX 8000	Glyceryl tricaprlylate: Tricaprylin	98	<1	Colorless, clear liquid	
NUTRI SPERSE® MCT 70	Caprylic/capric triglyceride on Non-Fat Dry Milk	70% CAPTEX® 300		Powder	
NUTRI SPERSE MCT 50	Caprylic/capric triglyceride on Non-GMO Maltodextrin	50% CAPTEX® 300		Powder	
NUTRI SPERSE MCT C8	Caprylic/capric triglyceride on Non-Fat Dry Milk	70% CAPTEX® 8000		Powder	

¹McNay et al. J Gerontol A Biol Sci Med Sci, 2001. 56(2):B66-71.
²McNay, et al. Neurobiol Learn Mem, 2001. 75(3):325-37.
³Ota et al. Psychopharmacology (Berl), 2016. 233(21-22):3797-3802.

⁴Cahill, G.F. Ann Rev Nutr, 2006. 26:1-22
⁵Owen, O.E., et al. J Clin Invest, 1967. 46(10):1589-95.

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