



Why Metazyme®?

1.5g x 30 sachets

1. Why is Metazyme® better than other enzymes?

- a. **Metazyme®'s enzymes are derived from two different types of fungal sources.** One source works at a very low pH (acidic) environment and one works at a very high (alkaline) environment. Metazyme® is active from **pH 1.7 to pH 11**. This allows it to be used not only for pre-digestive stages but also throughout the whole digestive tract and bloodstream.
- b. **Metazyme® also contains all the necessary minerals to activate each enzyme in the product.** Every enzyme has its own mineral that helps it to work better. Only Metazyme® contains each specific mineral for each specific enzyme. An enzyme without its co-factor mineral is like a light bulb without a light switch. This enzyme/mineral combination is our **patented AES Delivery System**.

2. What is AES and how does it work?

The AES is the process of taking an enzyme with its activating co-factor mineral and combining it with a nutrient that can be broken down by that enzyme (i.e. a protein combined with protease and calcium ascorbate). **AES stands for Assimilating Enhancing System**. When a protein combined with the right enzyme and mineral can be broken down faster and better than allowing the body to perform this task all by itself. Thus, the body can utilize the nutrient with ease and not expend a lot of energy in the digestive process.

3. What about other digestive Enzymes in the market? Will they help to digest my food?

There are two other varieties of digestive enzymes. Plant and Animal make up those two categories. **Plant enzymes** (usually derived from Bromelain and Papain (pineapples and papaya) are good for digesting protein but only outside the body (such as marinating a steak) as both are inactivated or destroyed at pH 4 or less. Your stomach acid is a pH of 2.5 depending on the meal and the person. **Animal enzymes** or pancreatin, chymotrypsin, pepsin, or others, are good at digesting proteins and fats in the lower portion of the stomach, the duodenum and small intestines where the pH is very acidic. This does nothing for pre-digestion in the cardiac stomach nor is it acting in any pH over 5 as in the blood (roughly pH of 7.2). **Metazyme® was made to be active at all pH levels from pre-digestion, through the small intestines and into the bloodstream.**

4. How can you prove that Metazyme® works in the bloodstream?

Well this was a dilemma that we faced but we took on the challenge of proving it through various blood markers. If the lipase in Metazyme® were to enter the blood in an active form than we assumed that it would lower triglyceride levels at a much faster rate than what the normal human body could accomplish. We tested this theory by performing clinical studies drawing blood at different times after eating a meal and found that on average those who took Metazyme® with their meal **dropped their triglyceride levels by more than 18%** over those who did not take Metazyme®.

We followed through on other food by-products including **blood glucose levels, serum uric acid levels and cholesterol levels**. All were improved by taking Metazyme[®]. Though its use is still not recognized by the CDC or NIH, we also tested Metazyme[®] with the Darkfield microscope in over **25,000** patients in eight countries with excellent results

5. Can I benefit from taking Metazyme[®] with or without food?

Yes. If you take Metazyme[®] **with your meal** it will aid in all stages of digestion thus allowing the body to use the energy it would have used, to be used for other bodily functions. If you take Metazyme[®] on an **empty stomach**, the enzymes will survive the process and enter into the blood stream. It will search for proteins, sugars and fats to break down so the body can then process or eliminate them.

6. If enzymes enter your blood in an active stage, won't they digest my cells too?

This is a common question among physicians who don't understand the body's physiological processes or who are against any supplement. Your own body's cells contain enzymes that destroy other enzymes. We call these enzymes "**enzyme inhibitors**". Every living tissue contains these enzyme inhibitors (except skin cells). This is why your body does not digest itself. A red or white blood cell will not be affected by live digestive enzymes working in your blood, only residues of things that should not be in your body will be affected by the enzymes.

7. Then will Metazyme[®] break down arterial plaque?

Yes. There is a very well written book containing many clinical studies on this very topic. The book is called *Enzymes, The Foundation of Life* by Dr's Williams, Meickle and Lopez. Over several years they performed clinical studies on arterial thrombosis, diabetic arterial blockage, and hematomas (bruises), all of which showed great improvement when one consumed large doses of enzymes.

8. Can anyone take enzymes?

Yes, from infants to senior citizens, **if you eat cooked food you should be taking enzymes.**

9. Can you overdose on enzymes?

No, enzymes are found naturally in the raw foods we eat. There are many physicians who recommend the Kelly treatment for cancer in this country. A patient on this program will consume over 30 sachets of enzymes in one day. No side effects have ever been listed for overdoses other than gas and bloating.

10. Are there any drug contraindications?

If your doctor has told you to avoid raw food while on your medication, maybe you should avoid taking an enzyme supplement. So far there are no prescription drugs that have ever shown to work adversely with the enzymes found in Metazyme[®].

11. Is there a particular type of person who would benefit most from taking Metazyme[®]?

If you are overweight or underweight, suffer from diabetes, hypoglycemia, high cholesterol, high triglycerides, heart disease, crone's disease, heartburn, constipation, acid reflux, chronic fatigue, high blood pressure, Candida or fungal infections, gout, kidney stones, or inflammation of any kind, you are a perfect candidate for enzyme supplementation.