



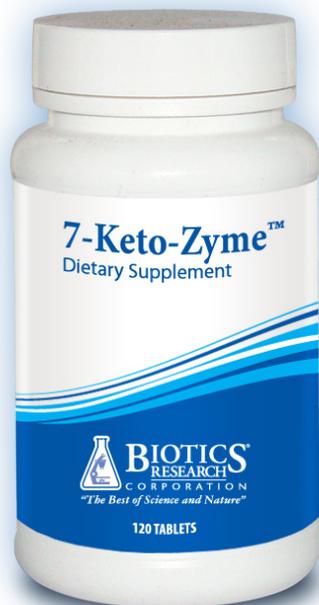
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## 7-Keto-Zyme™ / 7-Keto-Zyme Forte™

**Why you may need 7-Keto-Zyme™ or 7-Keto-Zyme Forte™:** 7-Keto-Zyme™ and 7-Keto-Zyme Forte™ are products containing the compound 3β-Acetoxy-androst-5-en-7, 17-dione, also referred to as 7-oxo-DHEA-Acetate, or 7-KetoDHEA. In human tissues, including skin and others, DHEA is enzymatically converted to 7-keto DHEA, in a two-stage process. Biochemically, 7-KetoDHEA is one of three oxygenated metabolites of Dehydroepiandrosterone (DHEA). Once oxidized, these oxygenated metabolites may interconvert with one another, but do not convert back into the parent DHEA molecule, thus importantly, unlike DHEA, 7-Keto DHEA will not convert to sex hormones in vivo. Subsequently, 7-Keto DHEA will not convert to testosterone or estrogen. Structurally, 7-KetoDHEA is almost identical to DHEA, and it functions in the body as a naturally occurring DHEA metabolite that possesses DHEA activity. In fact, the activity of 7-Keto DHEA has been reported to be 2.5 times that of DHEA. Studies utilizing 7-Keto DHEA, done at the University of Wisconsin, have shown that supplementation with 7-Keto DHEA increased IL-2 in human lymphocytes, enhanced memory, and increased thermogenic liver enzymes. It is speculated that it may aide in increasing the metabolic rate.

### Why your healthcare practitioner recommends 7-Keto-Zyme™ or 7-Keto-Zyme Forte™:

Your healthcare provider may recommend 7-Keto-Zyme™ or 7-Keto-Zyme Forte™ to support your DHEA levels without increasing testosterone or estrogen. DHEA is a "parent hormone" produced by the adrenal glands. Studies utilizing 7-Keto supplementation have noted an increased metabolic rate with use. Additionally, boosting DHEA levels can provide a "reservoir" of this hormone precursor that various tissues can benefit from. 7-Keto DHEA may also be recommended for immune enhancement or immune modulation, as an aide for Alzheimer's patients, as well as for weight modification. DHEA levels tend to decrease with age, thus older persons may have a lower level of DHEA. DHEA levels also seem to be lower in people with certain conditions like depression. Some researchers believe that replacing DHEA with supplements might prevent some diseases and conditions associated with low levels of DHEA.



#### Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
3β-Acetoxy-androst-5-en-7, 17-dione (7-oxo-DHEA-Acetate)	25 mg	*
Superoxide dismutase (vegetable culture†)	30 mcg	*
Catalase (vegetable culture†)	30 mcg	*

\* Daily Value not established

**Other ingredients:** Cellulose, stearic acid (vegetable source) and magnesium stearate (vegetable source).

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

7-Keto-Zyme Forte™ supplies the 7-Keto™ metabolite of DHEA. 7-Keto™ is a trademark of Humanetics Corporation.

This product is gluten and dairy free.

**RECOMMENDATION:** One (1) tablet each day as a dietary supplement or as otherwise directed by a healthcare professional.

#### KEEP OUT OF REACH OF CHILDREN

Store in a cool, dry area.  
Sealed with an imprinted safety seal for your protection.

Product # 7834 Rev. 05/13

For more information on 7-Keto-Zyme™/ 7-Keto-Zyme Forte™ from Biotics Research, please contact your healthcare provider

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.