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Zuschläge

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Uricase, Bacillus fastidious

Cat. No.:	HY-P2921A
CAS No.:	9002-12-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Uricase, Bacillus fastidious

BIOLOGICAL ACTIVITY

Description

Uricase, *Arthrobacter globiformis* is a peroxidase enzyme responsible for catalyzing the oxidative reaction of uric acid, converting it into the soluble product allantoin. Uricase, *Arthrobacter globiformis* can be used for the determination of uric acid levels in serum. The lack of uricase in mammals can lead to kidney diseases caused by the accumulation of uric acid. Uricase, *Arthrobacter globiformis* can be utilized in research on gout and hyperuricemia^{[1][2]}.

REFERENCES

[1]. Zhao Y, et al. Uricase based methods for determination of uric acid in serum[J]. *Microchimica Acta*, 2009, 164: 1-6.

[2]. Kelly SJ, et al. Diabetes insipidus in uricase-deficient mice: a model for evaluating therapy with poly(ethylene glycol)-modified uricase. *J Am Soc Nephrol*. 2001 May;12(5):1001-1009.

Caution: Product has not been fully validated for medical applications. For research use only.

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