



Lipopolysaccharide from *Pantoea agglomerans*

Form	Lyophilized powder
Volume	1mg
Source	Isolated from <i>Pantoea agglomerans</i> 1-3) by modification of the phenol extraction method of Westphal and Jann4).
Solubility	H ₂ O(~2mg/ml) or 0.5%TEA(~2mg/ml). To achieve solution in water, heating at 37°C with intermittent vortexing or sonication is recommended.
Storage	Store below 4°C

References

- 1) Chie Kohchi, Hiroyuki Inagawa, Takashi Nishizawa, Takatoshi Yamaguchi, Shiro Nagai and Gen-Ichiro Soma: "Applications of Lipopolysaccharide Derived from *Pantoea agglomerans* (IP-PA1) for Health Care Based on Macrophage Network Theory". J. Biosci. Bioeng., Vol. 102, 485-496 (2006).
- 2) Tsukioka D, Nishizawa T, Miyase T, Achiwa K, Suda T, Soma G-I, and Mizuno D.: Structural characterization of lipid A obtained from *Pantoea agglomerans* lipopolysaccharide. FEMS Microbiology Letters 149, 239-244 (1997).
- 3) Taniguchi Y, Nishizawa T, Honda T, Yoshioka N, Inagawa H, Kohchi C and Soma G, Anticancer Res. 2007 27:3 701-6. Development and potential use of a monoclonal antibody to the lipopolysaccharide of *Pantoea agglomerans* (IP-PA1).
- 4) Westphal O, & Jann K.: Bacterial lipopolysaccharide: extraction with phenol-water and further applications of the procedure. Carbohydr. Chem. 5, 83 (1965)

Related products

MAC0002	Anti lipopolysaccharide from <i>Pantoea agglomerans</i>
MAC0003	Anti lipopolysaccharide from <i>Pantoea agglomerans</i>

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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp> e-mail: export@cosmobio.co.jp

[Outside Japan] Phone : +81-3-5632-9617 [国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619