



P. aeruginosa Exotoxin A (DAG4062)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Pseudomonas exotoxin A is secreted by Pseudomonas aeruginosa
Species	P. aeruginosa
Purity	> 95%, by SDS-CGE under reducing conditions
Conjugate	Unconjugated
Applications	immunogen
Molecular Weight	66 kDa
Format	Lyophilized
Size	0.5 mg
Buffer	Lyophilized from Tris-HCl buffer
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Pseudomonas aeruginosa is a common bacterium that can cause disease in animals, including humans. It is found in soil, water, skin flora, and most man-made environments throughout the world. It thrives not only in normal atmospheres, but also in hypoxic atmospheres, and has, thus, colonized many natural and artificial environments. It uses a wide range of organic material for food; in animals, the versatility enables the organism to infect damaged tissues or those with reduced immunity. The symptoms of such infections are generalized inflammation and sepsis. If such colonizations occur in critical body organs, such as the lungs, the urinary
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tract, and kidneys, the results can be fatal. Because it thrives on most surfaces, this bacterium is also found on and in medical equipment, including catheters, causing cross-infections in hospitals and clinics. It is implicated in hot-tub rash. It is also able to decompose hydrocarbons and has been used to break down tarballs and oil from oil spills.

Keywords

Pseudomonas aeruginosa; *P. aeruginosa*; *Pseudomonas*; *Pseudomonadaceae*; *Pseudomonadales*; *Pseudomonas* exotoxin; exotoxin A; exotoxin; *Pseudomonas aeruginosa* toxA; *P. aeruginosa* toxA
