Filamentous Hemagglutinin (FHA) from Bordetella pertussis

Catalog No. NR-31065
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Contributor: BEI Resources

Manufacturer: Sigma-Aldrich®

Product Description:
Filamentous hemagglutinin adhesin (FHA) was purified from Bordetella pertussis (B. pertussis) by conventional chromatography.¹²

FHA is a major virulence factor involved in adhesion and spread of B. pertussis throughout the respiratory tract. Studies with FHA-deficient B. pertussis strains have implicated FHA in tracheal colonization, cell adherence, and invasion of macrophages and epithelial cells.³ FHA is a component of several of the acellular pertussis vaccines licensed for use in the U.S.

Material Provided:
Each vial of NR-31065 contains 50 µg of lyophilized FHA. When reconstituted with 0.5 mL of molecular grade water, the concentration of buffer is 50 mM Tris-HCl (pH 8.0), 500 mM NaCl and 1.25% trehalose.

Storage:
NR-31065 is provided on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Filamentous Hemagglutinin (FHA) from Bordetella pertussis, NR-31065.”

Biosafety Level: 1

Disclaimers:
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References:

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