

Certificate of Analysis for NR-31065

Filamentous Hemagglutinin (FHA) from Bordetella pertussis

Catalog No. NR-31065

This reagent is the tangible property of the U.S. Government.

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

Lot: F5551-061M1178 Manufacturing Date: 08JUN2011

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE	Major band of 200 kDa and minor bands of lower molecular weight	Major band of 200 kDa and minor bands of lower molecular weight
Protein Content by Bradford Assay	50 μg per vial	50 μg per vial

Date: 24 JAN 2012

Signature: Dorothy C. Young

Title:

Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the vendor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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