



EndoDtec-F™ Product Sheet

Product Description:

EndoDtec-F™ is a rhodamine labeled 34mer peptide derived from the sushi 3 domain of horseshoe crab Factor C. This peptide can be used for the fluorescence detection of endotoxin on surfaces or as a reagent in the development of specific assays or ligand studies for endotoxin.

Chemical Structure:

NH-HAEHKVKIGVEQKYGQFPOGTEVTYTCSGNYFLM-Rhodamine

U.S. Patent No. 6,719,973

Advantages:

- No horseshoe crab harvesting – green/environmentally friendly
- High specificity for gram-negative bacteria
- Non-enzymatic
- No glucan reactivity
- High accuracy for endotoxin detection

Shipping and Storage:

Upon receipt of EndoDtec-F™ store frozen and in dark compartment/area. EndoDtec-F™ is shipped at ambient temperature.

Product Characteristics	EndoDtec-F™
Sterility	Non-sterile
Amount	1 mg/vial
Binding affinity	$10^{-7} - 10^{-8}$ M
Form	Powder
Purity	> 98% Factor C sushi peptide
Excitation	525-550 nm
Emission	580-635 nm

Reference: Tan et. al. FASEB J. 14:1801, 2000.

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