



EndoZap-R™ Product Sheet

Product Description:

EndoZap-R™ is used for the neutralization of endotoxin in aqueous solutions. EndoZap-R™ is a chemically synthesized 34mer peptide derived from the sushi domain 3 of the horseshoe crab Factor C. The peptide can neutralize endotoxin as determined by the LAL reaction and suppression of endotoxin-induced hTNF-alpha secretion from THP-1 monocytes. (Tan et. al., 2000).

Chemical Structure:

Factor C sushi peptide amino acid sequence:

NH-HAEHKVKIGVEQKYGQFPOGTEVTYTCSGNYFLM-COOH

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

Advantages:

- Utilized for the neutralization of the biological effects of endotoxin in valuable test samples
- High binding affinity with high specificity
- Chemically synthesized compound
- Can be used as an anti-microbial
- Non-toxic

Shipping and Storage:

Upon receipt of EndoZap-R™ store frozen. EndoZap-R™ is shipped at ambient temperature.

Product Characteristics	EndoZap-R™
Sterility	Non-sterile
Amount	1 mg/vial
Binding affinity	$10^{-7} - 10^{-8}$ M
Form	Powder
Purity	> 98% Factor C sushi peptide

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

- For Research Use Only -

BioDtech, Inc. 3200 West End Avenue, Suite 500, Nashville, TN 37203
Catalog Number: EZP-2001
Customer Service Toll Free Orders: 1-877-258-4040 Website Orders: www.biodtechinc.com