

Product: Bacterial-Permeability-Increasing Protein (BPI)
Catalog #: 12-7612
Amount: 25 mg

DESCRIPTION: BPI is present in the azurophilic granules of polymorphonuclear leukocytes (PMN). BPI is toxic only toward Gram negative bacteria. This specificity is attributable to the strong attraction of BPI for the lipopolysaccharides (LPS) in the bacterial envelope. BPI is also an important antigen for anti-neutrophil cytoplasmic autoantibodies (ANCA) in vasculitis

SOURCE: Human neutrophil

MOLECULAR WEIGHT: 55,000

BUFFER: 50 mM Na Acetate buffer, pH 5.5, 150 mM NaCl

PURITY: > 95% by SDS-PAGE

STORAGE: Frozen (-20°C)

QUALITY CONTROL: Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

REFERENCES

Elsbach, P. & Weiss, J. (1993) *J. Immunobiology* **187**: 417
Zhao, MH. et al. (1995) *Clin Exp Immunol* **99**: 49

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