

Native Bordetella Pertussis Toxin

Cat. No. BOP-023 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Bordetella pertussis toxin (frozen) has been developed in response to the increasing pressure on the IVD industry to supply highly specific, cost-effective antibody capture systems, which are needed for monitoring vaccination programmes. The toxin undergoes two rounds of FHA (Filamentous Haemagglutinin) removal and manufacturing procedures are geared to ensure minimal lot to lot variation. Liquid presentation is the optimal presentation for minimising aggregation, for providing bulk lots to IVD, and for ease of aliquoting, freeze/thawing and storage.
Purity	>98% pure by SDS-PAGE; migrates as five bands(two doublets)when run under denaturing polyacrylamide SDS-urea gels.
Formulation	0.05M sodium phosphate and 0.5M sodium chloride at pH 7.2.
Storage	Short Term Storage: Stable as a liquid at room temperature for at least 2 months. Long Term Storage: Aliquot and store at -20 centigrade to-80 centigrade.Do not freeze thaw multiple times. When thawing. swirl tube gently for 1 minute to fully redissolve.
Concentration	0.25 mg/mL
Shipping	This product is shipped at ambient temperature. Extensive stability tests have shown no negative effects on antigen performance for 7 days of shipping including several freeze/thaw cycles.
Type	Native

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ClassID 1	Infectious Disease
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GENE INFORMATION

Synonyms	Bordetella Pertussis Toxin
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