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## Penicillin G/BSA

Catalog Number: bs-2036PB

Concentration: 1mg/ml

AA Seq: Coupling protein

Predicted MW: 0.3845

Activity: No

Form: Liquid

Storage: 0.01M TBS(pH7.4).

Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Benzylpenicillin (INN, AAN, BAN), commonly known as penicillin G, (USAN) is a narrow spectrum penicillin antibiotic that is given intravenously or intramuscularly as a treatment for syphilis, meningitis, endocarditis, pneumonia, lung abscesses and septicaemia in children. Penicillin G is typically given by injection parenterally, bypassing the intestines, because it is unstable in the highly acidic stomach. Because the drug is given parenterally, higher tissue concentrations of penicillin G can be achieved than is possible with phenoxymethylpenicillin. These higher concentrations translate to increased antibacterial activity.