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## Aflatoxin B1/BSA

Catalog Number: bs-0440PB

Concentration: 1mg/ml

AA Seq: Coupling protein

Activity: No

Endotoxin: Not analyzed

Form: Liquid

Storage: 0.01M PBS(pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** AFLATOXIN B1 is a potent hepatotoxic and hepatocarcinogenic mycotoxin produced by the *Aspergillus flavus* group of fungi. It is also mutagenic, teratogenic, and causes immunosuppression in animals. It is found as a contaminant in peanuts, cottonseed meal, corn, and other grains. The mycotoxin requires epoxidation to aflatoxin B1 2,3-oxide for activation. Microsomal monooxygenases biotransform the toxin to the less toxic metabolites aflatoxin M1 and Q1.