

Data Sheet Media

the serum and antibody specialists

FUNGIZONE®

GEM-400-104-H FUNGIZONE® 100ml

250 µg/mL Amphotericin B
205 µg/mL Sodium Deoxycholate

Amphotericin B is one of the earliest compounds designed to kill fungi. It acts by forming channels in fungal membranes, causing the cells to become leaky. It is, of course, toxic to eukaryotic cells in culture. Thus, very low doses are recommended. The usual therapeutic concentration in media ranges from 0.5 to 2.5 µg/mL. Fungi suppressed by FUNGIZONE® may reappear if use of the compound is discontinued. High concentrations of FUNGIZONE® are not recommended for routine prophylactic use, as the drug is too toxic. It is best used in crisis situations only. If preventive measures are needed, we recommend Antibiotic/Antimycotic Solution (Product code: GEM-400-101) which has a lower concentration of FUNGIZONE®, and is therefore less likely to cause damage to precious cultured cells.

Sterile-filtered

Store frozen at -20°C to -10°C