

Only until **31/11/09**

## Selective Antibiotics

Our Special Offer for your Successful Transfection

### **G-418 Sulphate – the most popular selective antibiotic**

G-418 Sulphate blocks polypeptide synthesis by binding irreversibly to 80S ribosomes and inhibiting the elongation step during translation. G-418 is used as selective antibiotic in molecular and cell biology for the selection and maintenance of transfected mammalian, plant or yeast cells. The amount of G-418 used in an experiment strongly depends on the activity of the antibiotic. Choose the best cost benefit ration with our G-418 of activities > 600 µg/mg.

Recommended final concentration 100 µg/ml – 1 mg/ml

Shelf Life: 2 years

Storage Powder: +15 °C to +25 °C

Storage Solution: +2 °C to +8 °C

### **Hygromycin B – highest efficiency in stable transfection**

Hygromycin B inhibits the protein synthesis at the translocation step by interfering with the 70S ribosome causing misreading of the mRNA. Hygromycin B is effective on most bacteria, fungi and higher eukaryotes. Hygromycin B and G-418 can be combined for dual-selection experiments.

Recommended final concentration 50 – 800 µg/ml

Shelf Life: 2 years

Storage: +2 °C to +8 °C

### Your Benefits

- Excellent quality
- Highest purity
- Highest activity
- In liquid or powder form available
- For transient and stable transfection

