

## Smart Ampicillin™

Smart Ampicillin™ from Axygen Biosciences is a specially formulated Ampicillin antibiotic that is optimized for expression studies. Smart Ampicillin is superior to common antibiotics like Ampicillin, Carbenicillin and Methicillin. These regular antibiotics are degraded by enzymes secreted by bacteria over time and the result is the undesirable appearance of satellite or non-recombinant colonies. Smart Ampicillin is specially formulated to overcome this bacterial enzyme degradation and hence present you with Satellite free recombinant colonies for an extended period of time.

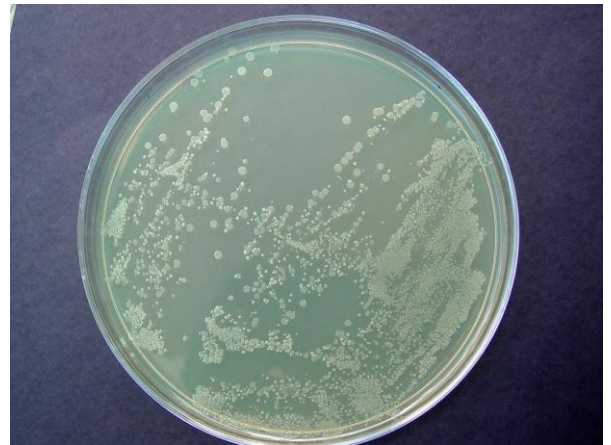
- ***Smart Ampicillin is optimized for expression studies ensuring perfect recombinant colonies.***
- ***No appearance of satellite colonies after transformation.***
- ***Smart Ampicillin is stronger than traditional antibiotics.***
- ***Better suited for downstream analysis such as colony counting, picking, etc .***
- ***Convenient pre-made solutions of 1ml at 1,000x concentrate.***
- ***Suitable for liquid cultures or plates.***

### Application

Perfect replacement for traditional antibiotics such as Ampicillin, Carbenicillin and Methicillin to screen recombinants in cloning and expression using bacterial plasmids.

### Results

A. Satellite colony growth in plates after 12 hours in media containing regular Ampicillin antibiotic.



B. Smart Ampicillin plates after 24 hours of incubation.



Ordering Information		
Part#	Product Description	Qty
REG-SAMP-L-1	Smart Ampicillin 1000x	1ml
REG-SAMP-L-10	Smart Ampicillin 1000x	10X 1ml