

Popular Antimicrobials for Research and Discovery



When using antimicrobials for life science research and diagnostics, consult this brochure for our most popular antimicrobials and research products for your lab.

Our optimized antimicrobials are safer for cell/plant culture and more effective for research applications. We carry both common products for everyday use, and niche products for unique needs, to further your discoveries



**At TOKU-E, we
optimize antimicrobials
to make them easier,
safer, and more
effective.**

Impurities found in antimicrobials can impact results. Our line of EvoPure® products are mostly 95% pure so you can leave those impurities behind. All products are fully characterized by spectral analysis and arrive with a comprehensive certificate of analysis containing lot-specific HPLC, MS, HNMR, and FTIR data so you can be confident in their composition. We also carry individual fractions of certain products like Gentamicin and Polymyxin B for impurity profiling.

**EVO
PURE**

**CULTURE
PURE**

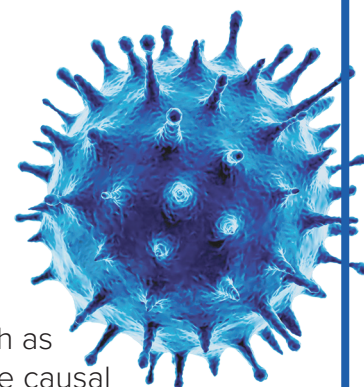
When working with mammalian, plant, or stem cells, our CulturePure™ products are safe for cell culture and non-toxic to routine cell lines. Our Bacitracin, CulturePure contains only bioactive, non-toxic fractions. Our Carbenicillin Disodium and Cefotaxime Sodium are safe for plant tissues in *Agrobacterium*-mediated transformation systems. The Kanamycin selection system has been used in the production of cellulosic ethanol, and products like Kanamycin Acid Sulfate, for BioProcessing can allow engineered transformants to produce more bioethanol compared to their wild-type counterparts.

- Bacitracin, CulturePure™
- Carbenicillin Disodium
- Cefotaxime Sodium
- Kanamycin Acid Sulfate, for BioProcessing



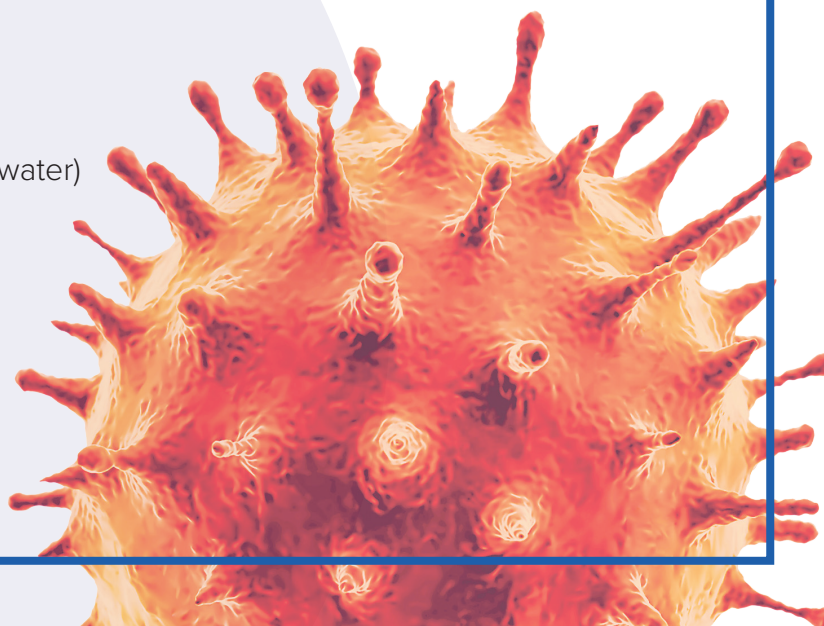
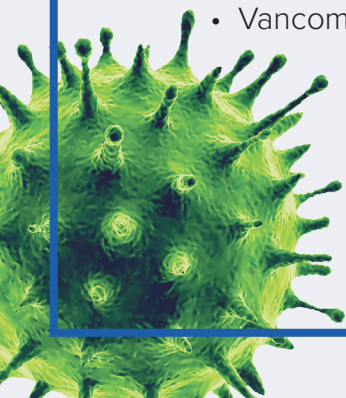
Looking for the most effective antimicrobial for your unique needs? Our free Antimicrobial Index cross-references literature-based susceptibility data on 67,000 different microorganisms, and 4,000 different antimicrobial agents all with the click of a button.

Find the right antibiotic for gene selection in cell culture quickly and easily with our free Cell Culture database with tailored search results based on your cell-line and/or plasmid, and explore our extensive portfolio of products for gene selection.



Coronavirus research products including antiviral compounds, and antibiotics such as Azithromycin are being investigated for potential against the new SARS-CoV-2, the causal agent of COVID-19 disease. Amphotericin B and Gentamicin Sulfate are used in viral transport media for this pathogen, and we offer convenient formats for streamlined workflows. Amikacin and Vancomycin can also control bacterial contamination for routine virus isolation, maintenance and transport.

- Azithromycin Dihydrate
- Amphotericin B, Solubilized
- Gentamicin Sulfate Solution (50 mg/ml in water)
- Amikacin Sulfate, USP
- Vancomycin B Hydrochloride, EvoPure®



Endotoxins can be toxic to resistant eukaryotic cells and decrease transfection efficiency. Our G418 Disulfate (Geneticin)(Low Endotoxin) has a strict endotoxin content of ≤ 1 EU/mg which is safer for cells and enhances transfection efficiency. Hygromycin B (Low Endotoxin) has been optimized for upstream bioprocessing and manufacturing.

- G418 Disulfate (Low Endotoxin)
- Hygromycin B, EvoPure® (Low Endotoxin)®

Many of our products are suitable for cancer research, such as Cycloheximide, Neomycin A, Tetracycline, and Tigecycline which all have *in vitro* anti-cancer activity, and we also carry a range of anti-cancer compounds.

- Cycloheximide, CulturePure™
- Neomycin A Sulfate (Neomine), EvoPure®
- Tetracycline, EP
- Tigecycline

Our electrophoresis products have been optimized for safer use, such as our Dust-Free™ SDS, Acrylamide and Bis-Acrylamide solutions, to prevent exposure to aerosolized powders.

- Sodium Dodecyl Sulfate, Dust-Free™
- Acrylamide Solution, 30%
- Bis-Acrylamide Solution, 2%

Item Name	Item Number	Cell Culture	Cancer Research	Microbiology	Plant Biology	Electrophoresis
Acrylamide Solution, 30%	A067			●		●
Amikacin Sulfate, USP	A070	●		●		
Amphotericin B, Solubilized	A008	●		●	●	●
Ampicillin Sodium	A042	●		●		
Azithromycin Dihydrate	A024	●		●		
Bacitracin, CulturePure®	B014	●		●	●	
Bis-Acrylamide Solution, 2%	B031			●		●
Blasticidin S Hydrochloride solution	B006	●		●		
Carbenicillin Disodium, USP	C126			●	●	
Cefotaxime Sodium, USP	C001			●	●	
Cefpodoxime, Free Acid	C016			●		
Cephalexin Hydrate	C024			●		
Clavulanate Lithium	C064			●		
Cycloheximide, CulturePure®	C071		●	●	●	●
G418 Disulfate	G001	●		●	●	
G418 Disulfate, EvoPure®	G030	●		●		
G418 Disulfate (Low Endotoxin)	G048	●		●		
Gentamicin Sulfate Solution	G046	●	●	●	●	
Hygromycin B Solution (50 mg/ml in PBS Buffer)	H011	●		●	●	
Hygromycin B, EvoPure® (Low Endotoxin)	H024	●		●	●	
Kanamycin Acid Sulfate, for BioProcessing	K012	●		●	●	
Neomycin A Sulfate, EvoPure®	N026		●			
Polymyxin B1 Sulfate, EvoPure®	P037			●	●	
Puromycin	P025	●				
Dihydrochloride Solution	S011			●		●
Sodium Dodecyl Sulfate (SDS), Ultrapure	S057					●
Sodium Dodecyl Sulfate (SDS), Dust-Free™ Ultrapure	S062					●

Item Name	Item Number	Cell Culture	Cancer Research	Microbiology	Plant Biology	Electrophoresis
Sodium Dodecyl Sulfate (SDS), Dust-Free	S106			●		
Tazobactam Sodium	T031			●		
Tetracycline, EP	T016	●	●	●	●	
Tigecycline	T022		●	●		
Vancomycin B Hydrochloride, EvoPure®	V008	●		●	●	



As a global manufacturer to notable life science companies and researchers, we are excited to support your research projects. For these and other popular life science products, visit www.TOKU-E.com for details.